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Vaughan's BOOK FOR FLORISTS

SPRING 1948
72ND YEAR

601 W. Jackson Blvd.—Chicago 6, Ill

47 Barclay St.—New York 7, N. Y.

PETUNIA
RUFFLED NANA COMPACTA
VAUGHAN'S LITTLE GIANT

This variety has met widespread acceptance by florists because it was bred to their specifications for an ideal bedding and pot plant. Its compact habit forms a perfect mound which is completely covered by flowers. The blooms are well ruffled and waved, and while of medium size, seem much larger because of the dwarf nature of the plant. The colors are bright and clear, ranging from deep crimson to white, in a great variety of blends and variegations, including many soft pinks, and dark reds. We strongly recommend this for borders, beds and pot plants.
Trade pkt., 75c; 1/64 oz., $1.40; 1/32 oz., $2.50; 1/16 oz., $4.50.

New Bush Type Verbena

GIANT SALMON QUEEN

The plants grow more erect, making a broad flat-topped, bushy plant about 8 to 10 inches high and 12 to 15 inches across, with the flower heads practically touching each other. A row of them makes an even and uniform band or border closely covered with flowers over a very long blooming season.

The flower heads are large and well filled with large broad-petalled flowers of an unusually pleasing shade of bright salmon-pink, each with a small white eye.

Besides its many advantages as a border plant, the 8 to 10 inch straight stems and its attractive color make it very desirable for bouquets. Trade pkt., 50c; ¼ oz., $1.20; oz. $4.00.

For complete list of **Asters, Petunias** including double varieties and **Verbenas** see alphabetical list in catalog.

PETUNIA All Double Colossal Shades of Rose

New Queen of Market Aster

QUEEN OF MARKET W. R. BALLET QUEEN

A fascinating new shade of deep salmon rose has been added to this family. Flowers 3½ in. are generously borne on plants 15 to 20 in. high. Extremely wilt resistant, unsurpassed for border work and cutting. Trade pkt., 30c; ¼ oz., 60c; oz., $1.85.

Royal Purple Petunia

GRANDIFLORA FRINGED ROYALTY

The immense ruffled and waved blossoms vary from pure white touched with purple through varying combinations of purple and white to rich self colored blooms. Often blossoms of all these combinations appear on one plant. Trade pkt., 50c; 1/64 oz., $1.50.

Largest All-Double Petunia

COLOSSAL SHADES OF ROSE

The first Giant All-Double Petunia produced in America. These giant double blooms are up to 5 inches or more across on vigorous compact plants, and are especially valuable for pot plants. This blend of colors comes in rich rose shades, from salmon-pink through rosy-pink to deep rosy-mauve. Start seed early, grow cool near the glass and give plenty of room. These will make fine 4 to 5-inch plants for Easter and Mothers' day. Trade pkt., $3.00.

S F 48

To VAUGHAN'S SEED COMPANY

601 W. Jackson Blvd., Chicago 6, Ill. 47 Barclay St., New York 7, N. Y.

Florists' Order Blank

CASH DISCOUNTS:
FLOWER SEEDS less than $25.00, 5%, over $25.00, 8%. See also Cyclamen page. On all other items 2%, except on net cash supplies.

Date..19........

NAME..
PLEASE USE SAME NAME ON ALL ORDERS TO AVOID CONFUSION IN OUR FILES

Street, P. O. Box
or Rural Delivery..

Post Office.......................... (City Zone No.) State..........................

Express or Freight Office (If different from P. O.)........................ Forward Goods by........................ (Parcel Post, Express, Freight)

(SEND NO CURRENCY UNLESS REGISTERED) Make Money Orders or Checks Payable to Vaughan's Seed Company

AMOUNT ENCLOSED $.................... When to Ship.................... Always write letters on a separate sheet from your order.

VAUGHAN'S SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

This space for office use only.	Flower ☐	Flower 2 ☐	Veg. ☐	Veg. 2	Grass ☐	Bulb ☐	Sup. ☐	Fert. ☐
Filled by								
Date								
Checked								
No. Pkgs.								

QUANTITY DO NOT ABBREVIATE	NAME OF ARTICLE	SIZE	PRICE DOLS.	PRICE CTS.

☛ **In making your order, please give the sizes and prices to avoid delay and errors.**

	Yes	No
To save delay, may we substitute if necessary	☐	☐
If you need additional order blanks, please check here	☐	

Carried Forward, lbs. $

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	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	8c.	1c. (2 lbs.)
First and Second Zone within 150 miles of either	9c.	1.1c.
Third Zone within 150 to 300 miles	10c.	2c.
Fourth Zone within 300 to 600 miles	11c.	3.5c.
Fifth Zone within 600 to 1000 miles	12c.	5.3c.
Sixth Zone within 1000 to 1400 miles	13c.	7c.
Seventh Zone within 1400 to 1800 miles	15c.	9c.
Eighth Zone all over 1800 miles	16c.	11c.

This includes tax on first 33c. For larger amounts add 3% which is the equivalent of 1c for each 33c of postage.

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,		
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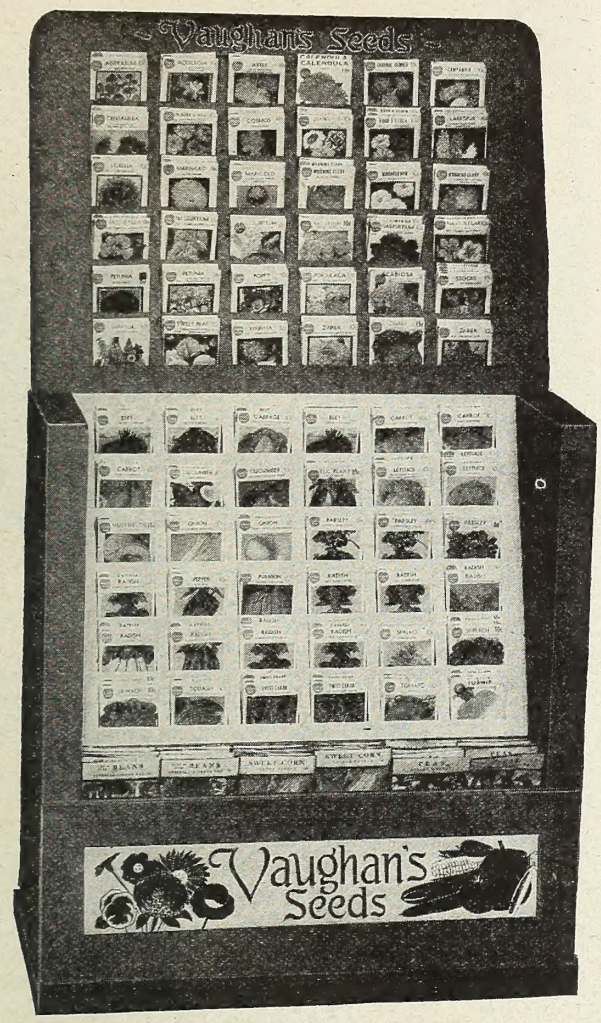
Date_____ Book_____ Weight_____

Freedom Garden Campaign Will Boost Vegetable Seed Sales

To help overcome the world food scarcity Secretary of Agriculture Anderson has called for 20,000,000 Freedom Gardens in 1948. This is merely another name for Victory Gardens, which the government will seek to revive by a vigorous campaign. An increased demand for both vegetables and flower seed may be expected as a result, and florists should prepare to get their full share of this business. Make sure of your seed assortment by ordering early.



OUR COLORFUL DISPLAY RACK

Attractive Two-Tone Display Rack

For 1948 our light-weight, decorative display rack will be made in combination of buff and green, which is attractive in itselt and will harmonize with your store display.

Design and construction of the rack will follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold $100 worth of packets.

Our New Packets. All flower seed packets of 1948 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

_____ 19____

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1948.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name_____

Your Address_____

Sign here_____

New Flowers and Specialties

TYPICAL PLANT OF PETUNIA LITTLE GIANT

Early Easter in 1948

Easter in 1948 occurs on March 28, and florists, as well as growers who must properly time crops for that day, should mark the date on their calendars. The date of Easter falls invariably on the first Sunday after the first full moon occurring on or after March 21.

Our Front Cover Petunia

Ruffled Nana Compacta Little Giants. The medium sized, well ruffled and waved, deep-throated flowers continue to keep the plants completely covered. The unusually attractive colors range from deep crimson to white in every imaginable shade and combination of markings. The 8 to 12 in. tall plants remain neat and compact and erect all season. Excellent for borders, bedding and pots. An outstanding florist item. Trade pkt., 75c; 1/64 oz., $1.40; 1/32 oz., $2.50; 1/16 oz., $4.50.

On Inside Cover

On Inside Front Cover see descriptions, illustrations in color and prices of the following:
Aster. Queen of the Market W. R. Ballet Queen.
Petunia. All Double Colossal Shades of Rose.
Petunia Grand. Fringed Royalty.
Verbena. Gigantea Salmon Queen.
On Outside Back Cover see descriptions, illustrations in color and prices of:
Pansy. Vaughan's Super Swiss Giant Mixed.
Pansy. Giant Swiss Raspberry Rose.

Scientific Antirrhinum

Giant Ruffled "Tetra-Snaps." A new race of snapdragons created scientifically, which made a fundamental change in the cell formation, resulting in larger flowers, with thicker petals, attractively ruffled, fuller spikes with more florets open at one time, heavier stems and sturdier plants. Each plant produces several stems, the central spikes averaging 2½ ft., surrounded by lesser ones. Mixture includes a complete range of snapdragon colors in harmonious combinations. Trade pkt., 50c; 1/16 oz., $1.25; ⅛ oz., $2.25; ¼ oz., $4.00; oz., $14.00.

Dwarf Antirrhinum

Tom Thumb. Fine for pots and edging. 6 in. Red, Rose, White and Yellow.
Each of the above, trade pkt., 25c.

BEGONIA Double Tuberose Rooted Vaughan's Speciel Mixture.

Improved Begonias

Double Tuberous Rooted Vaughan's Special Mixture. This cream of a specialist's collection contains the lovely camellia and rose flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Seed sown in January or February make good sized plants by August. Leaflet on culture supplied with seed. Trade pkt., $2.50.

Compacta Tausendschon. A fine dwarf bedding variety, flowers lustrous rose. Absolutely even in growth and color. The plants are one mass of bloom. 6 in. Trade pkt. $1.25.

Browallia

Speciosa Major. A good pot-plant and bedding annual. Sow in February for bedding use. Large, rich, deep blue flowers. Trade pkt $1.00; 1/16 oz., $2.00; ⅛ oz., $3.75.

Calendula

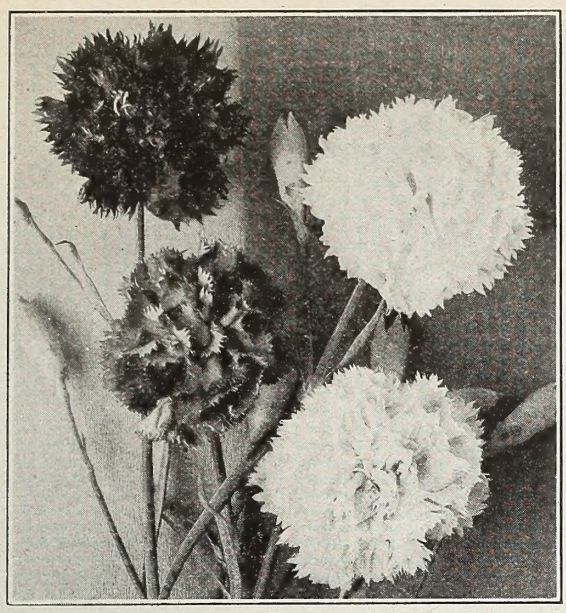
Giant Apricot Beauty. This new family of Calendulas produces uniformly larger flowers of better formation, longer and straighter stems and more resistance to summer heat. The attractive two-toned effect is more clearly pronounced than in the older type. A lovely apricot. Trade pkt., 40c; ¼ oz., 60c; 1 oz., $2.00.

Garden-type Carnations

Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted. Trade pkt., 50c; ⅛ oz., $1.10; ¼ oz., $2.00.

Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. Very double and strongly clove scented. Trade pkt., 50c; ¼ oz., $1.65; oz., $6.00.

Grenadin Dwarf Bright Scarlet. Double flowers of rich intense scarlet, exceedingly showy. Compact plants each a bouquet. Blooms from seed first year if sown early. Trade pkt., 50c; ⅛ oz., $1.40; ¼ oz., $2.50; oz., $8.00.



CARNATION J. M. Bridgeford

Centaurea Cyanus

Polar Gem. A dwarf variety making a compact plant covered with pure white double flowers, foliage forms a tufted mass of bright green. A companion to Jubilee Gem offered in general list of annuals. Trade pkt, 35c; ¼ oz., 60c; oz., $2.00.

Latest in Celosias—Cristata Type

Gilbert's Harlequin. Uniform in growth with rich green foliage. Bush type, developing both base and side branches. When small, the color is a pinkish gold turning to a salmon, then to a bright shell-pink when fully developed. Excellent as a cutflower at any stage and a perfect plant for bedding or pot purposes. 18 inches high. Trade pkt. 75c.

Gilbert's Giant Rose Beauty. The plant grows about 3 to 4 ft tall, non-branching unless pinched when less than 12 in. tall. Foliage bright glossy green. Stems are round, strong and straight, carrying flower heads when full grown, 8 to 12 in. or more across; very ruffled and ball shaped. The color is rather uniform bright rose pink, on a silver colored base. Trade pkt. 50c.

Cosmos

Radiance. Silver Medal Top winner in the 1948 All America selections, a striking new flower with colors never before seen in Cosmos: Deep rose with rich crimson zone. The long strong stems are fine for cutting and flowers cut in the bud last many days. Flowering freely over a long period. Trade pkt., 35c; ¼ oz., 60c; oz., $2.20.

True Blue Larkspur

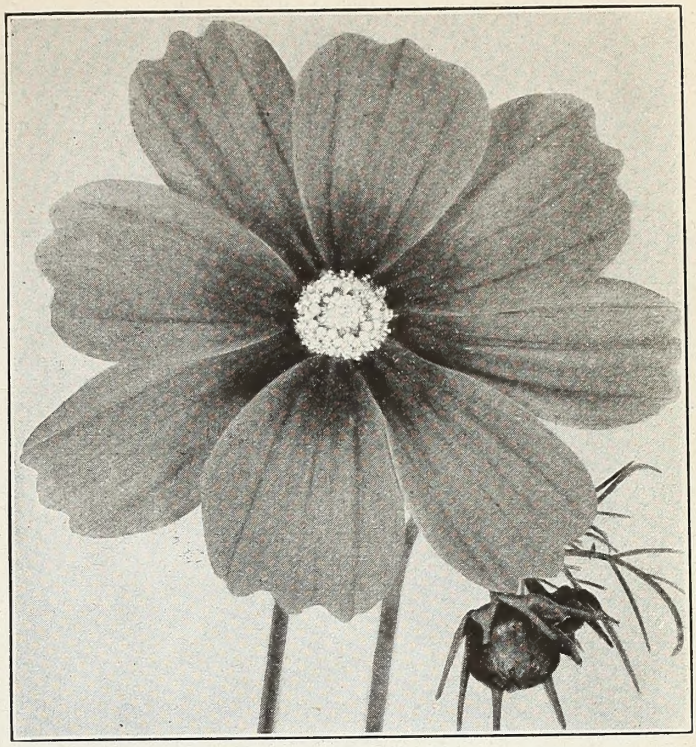
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. Trade pkt., 50c; ¼ oz., $1.00; oz., $3.60.

Gayest of Dianthuses

Dianthus Heddewigii Gaiety. The large fringed flowers have a bewildering variety of pink, white, red and maroon coloring, in decorative patterns, and borne freely on dwarf plants. There are numerous double and semi-double forms. The many blossoms, borne for a long season, will cover a bed of these plants with a fascinating display of brilliant colors. Trade pkt., 35c; ¼ oz., 70c; oz., $2.40.

Echeveria

Elegans. Finest of all Echeveria. Even rosettes of a rich blue-gray; rich red and orange yellow blooms freely; produced on short, stiff stems. 500 seeds, $1.00.



COSMOS Radiance

Giant Double Gaillardia

Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall. Blooms in ten weeks from sowing and furnishes excellent cutting material until frost. Trade pkt., 25c; ¼ oz., 65c; oz., $2.20.

Ruby Red Gloxinia

Victory Giant Ruby Red. An outstanding variety with velvety rich red flowers. Plants are very vigorous with many side growths; a well grown plant producing 50 or more flowers. Sow seed in January for blooming plants in 4 inch pots during June and July. Trade Pkt. $1.00; 6 trade pkts. $5.00.

Impatiens

These Impatiens will make splendid pot plants for Christmas and are useful for bedding and porch boxes, northern exposure.

Holstii Bright Vermilion. Very fine. 1,000 seeds, 90c; 500 seeds, 50c.

Holstii. New Hybrids. Charming mixture of many beautiful colors. 1,000 seeds, 90c; 500 seeds, 50c.

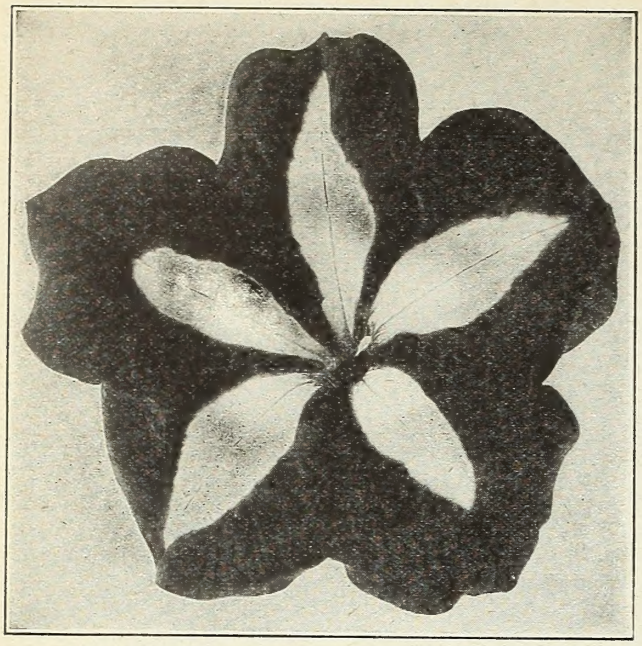
Sultani. Bright rose. 1,000 seeds, 90c; 500 seeds, 50c.

Hybrids Mixed. Various shades rose to red and violet mixed. 1,000 seeds, 90c; 500 seeds, 50c.

Dwarf Hybrids Mixed. Especially fine for pots, growing only 6 in tall. Flowers continuously in many attractive shades. 1,000 seeds, 90c; 500 seeds, 50c.

New Hybrid Kalanchoe

Brilliant Star. (New 1947 Introduction). This new hybrid Kalanchoe makes a fine pot plant producing flowers 3 times the size of the common varieties and of a brighter fiery red color. The attractive foliage is restricted to the base of the plant, permitting the development of clean stems about 5 inches long which are suitable for cutting, especially if benched. Trade pkt., (800 seeds) $1.50.



PETUNIA Elk's Star

Marigold

Cupid. Another one of the odorless foliaged Marigolds. Dwarf in habit, large primrose yellow chrysanthemum-like flowers completely cover the plant. Excellent for flats and combination work. The flowers are 2 to 2½ in. across and the plants are only 6 inches tall. Trade pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.10; oz., $3.80.

Red Head. Bronze Medal. Large single-crested flowers 2 in. across, with broad, overlapping, gracefully recurved petals—opening rich mahogany, changing to auburn and later to bronzy gold. The crested center is made up of tiny erect golden petals edged with maroon. Compact, dwarf plants about 1 ft. high and 1½ ft. across, completely covered with flowers. Trade pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00; oz., $3.00.

Naughty Marietta. All America Honorable Mention 1947. Golden yellow flowers with a mahogany base, 2 to 2½ in. across. Dwarf single French showy plants about 12 in. tall and 16 in. wide, completely covered with bloom. Trade pkt., 35c; ⅛ oz., 50c; ¼ oz., 85c; oz., $2.50.

Myosotis

Robusta Grandiflora Blue. An improved Alpestris Blue with a double central flower. Trade pkt., 35c; ¼ oz., $1.40; oz., $5.00.

All Double Petunia
Pan-American Strain

We are glad to offer this year a wider selection of seed of these ever-popular florists plants.

Allegro. Large double fringed deep salmon flowers. A beautiful new color in this class that will appeal to many customers.

Caprice. Double deep fringed bright rose flowers on dwarf-growing plants. A very attractive color that will sell on sight.

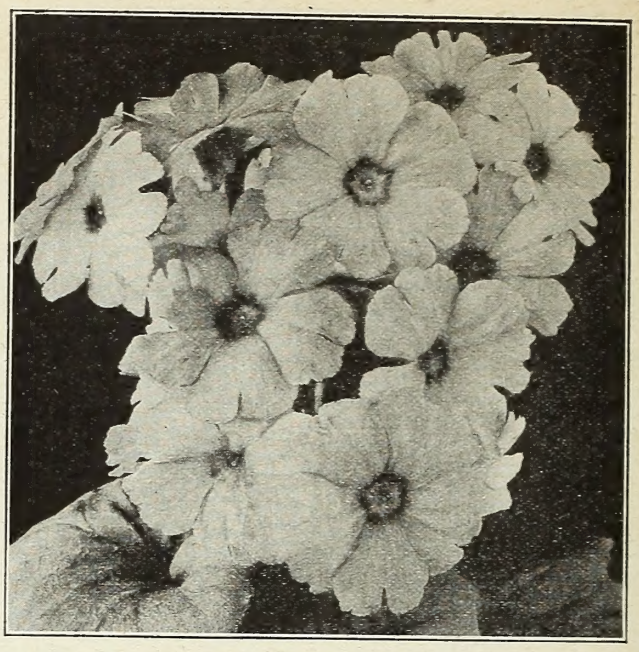
Each of above: 500 seeds, $2.50; 1,000 seeds, $4.00.

Nocturne. A deep midnight-purple or Elks Pride purple. Flowers somewhat semidouble. Only 500 seeds, $2.50.

Sonata. Large, double, pure white flowers. Fine for Mother's day. Recommend pinching plants to induce branching. Only 500 seeds, $2.50.

Glorious Mixture. Contains tall and dwarf types in all of the above colors. This formula mixture is first class in every respect. 500 seeds, $2.00; 1,000 seeds, $3.50.

All-Double America. Silver Medal All-America 1943 is the all-double type, of medium size, 100 percent carnation-flowered, and rose-pink in color. It supersedes the Double Rosy Morn with same color and growth. America Petunia is a hybrida nana, an abundant bloomer from early summer to frost; for bedding and cutting. Uniform and true. 500 seeds, $1.50; 1000 seeds, $2.50; 1/64 oz., $7.50; 1/32 oz., $13.60.



PRIMULA Obconica Gigantea Wyaston Wonder Hybrids

PETUNIA—Continued

Colossal Shades of Rose, Winner of All-America Silver Award for 1946. The first Giant All-Double Petunia produced in America. These giant double blooms are up to 5 inches or more across on vigorous compact plants, and are especially valuable for pot plants. This blend of colors come in rich rose shades, from salmon-pink through rosy-pink to deep rosy-mauve. Start seed early, grow cool near the glass and give plenty of room. These will make fine 4 to 5-inch pot plants for Easter, Mothers' day and spring combinations. Trade pkt., $3.00 net.

Hybrida Nana Compacta Elk's Star. A new starred Petunia of exceptional merit. The blue-purple flowers, of Howard's Star type, are all uniformly marked with a pure white star. Plants, 12 to 15 inches, make an even upright growth and the flowers cover the plant. It combines particularly well with Rosy Morn for both height and a pleasing color arrangement. An outstanding novelty for the Florist Trade. Trade pkt. 50c; 1/16 oz., 90c. ⅛ oz., $1.60.

White Mound. A perfect mound of fringed large flowering blossoms. An excellent plant for cemetery planting. The white varieties offer a pleasing contrast to the more highly colored sorts. Trade pkt., 75c; 1/64 oz., $1.75; 1/32 oz., $3.00.

Primula Obconica
WYASTON WONDER HYBRIDS

Gigantea Wyaston Wonder. A type of Primula Obconica, producing flowers of truly immense size; it is by far the largest flowered variety in existence. The general growth of the plant is of exceptional vigor and robustness; the foliage of fine growth and texture. Huge heads of flowers are carried on strong stems well above the foliage.

Blood Red, 1/32 oz., $4.25; 1/64 oz., $2.25; trade pkt., $1.25.
Crimson, 1/32 oz., $5.50; 1/64 oz., $3.00; trade pkt., $1.25.
Giant Rose, 1/32 oz., $4.25; 1/64 oz., $2.25; trade pkt., $1.25.
Orchid Lavender. A superb shade of true orchid lavender. 1/32 oz., $4.25; 1/64 oz., $2.25; trade pkt., $1.25.
Salmon Pink, 1/32 oz., $4.25; 1/64 oz., $2.25; trade pkt., $1.25.
Scarlet, 1/32 oz., $4.25; 1/64 oz., $2.25; trade pkt., $1.25.

Torenia

Fournieri. Makes a fine pot plant for Mother's day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in. Trade pkt., 50c; ⅛ oz., $1.10.

Fournieri Compacta. Dwarf form of above. 8 in. Trade pkt., 35c; ⅛ oz., $1.15; ¼ oz., $2.00.

Fournieri White. Trade pkt., 35c; ⅛ oz., $1.15; ¼ oz., $2.00.

Viola

Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tone effect without blotches. Trade pkt., 50c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.

Vaughan's The World's Best Flower Seeds

If sold out of any variety ordered, we will supply a similar one of equal or superior quality, unless otherwise specified on your order.

TESTING Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards.

Flower Seeds for Summer Sowing—We issue a special catalogue in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see Pages 37 to 49.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for commercial purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. is at the oz. rate; ½ oz. is at the ounce rate only when the price per ounce is 20c or more and ½ oz. rate is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discounts on Flower Seeds: On all orders for flower seeds, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed. Cyclamen 5% on 10,000 to 25,000 seeds; discount 10% on all orders over 25,000 seeds for cash. Double varieties are net.

		Trade pkt.	Oz
Acroclinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open	¼ oz., 30c	$0.15	$1.00
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states	¼ oz., 65c	.35	2.40

Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Tall blue, for cutting. 2 ft.	¼ oz. 50c	.25	1.50
Album. Tall white, 2 ft.	¼ oz. 50c	.25	1.50
Blue Ball Improved. 4-5 in.	¼ oz., 90c	.35	3.20
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball	⅛ oz. 85c ¼ oz., $1.50	.35	
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform	¼ oz., 90c	.35	3.20

AGERATUM Midget Blue

ALYSSUM Vaughan's Little Gem

AGERATUM MEXICANUM—Continued		Trade pkt.	Oz.
Blue Perfection. True blue. 6 in.	¼ oz., 40c	$0.20	$1.40
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose	⅛ oz. 90c ¼ oz. 1.60	.50	....
King of the Blues. Dwarf, small foliage clusters deepest blue flowers	¼ oz., 90c	.35	3.20
Little Blue Star. Tiny bushes, flowers light blue with red center. 4 in.	¼ oz., 65c	.25	2.40
Midget Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers	⅛ oz., 85c; ¼ oz., $1.60	.35	5.50
Purple Perfection. Extra dwarf and even strain. The best semi-dwarf deep blue	¼ oz., 40c	.20	1.40
Golden (Lonas Indora). 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings	1/16 oz., 90c	.50	....
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft.	¼ oz., 80c.	.35	....

Aloe Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, $1.50; 500 seeds, $6.50; 1,000 seeds, $11.00.

Alyssum Maritimum (Sweet Alyssum). 10 in.	lb., $2.80	.10	.30
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties	¼ oz., 25c; 4 oz., $2.60	.15	.80
Vaughan's Little Gem. Although one of the older standard varieties, we believe our strain surpasses all others for uniformity of height and form. It makes a neat, compact edging plant. It is a good companion for planting together with Violet Queen. 6 in.	¼ oz., 30c; 4 oz., $3.50	.15	1.00
Violet Queen. A very pretty bright violet tint. It has the usual honey-like odor of the white variety	¼ oz., 40c	.15	1.20
Compactum Lutescens. Straw yellow. 6 in.		.25	.80

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

Varieties followed by (X) are sold in ½ trade pkts. at 60c each. Varieties preceded by a star (*) are best for early winter flowering.

BRONZE SHADES

Tr. pkt.

Afterglow. Golden bronze Spring flowering X..... $1.00

Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1¾ to 2 inch individual florets. No grassy growth. 2.00

Bronze Peggy Schumann. Same type as other Schumann varieties but flowers earlier than Pink Peggy..... 2.00

Gilbert's Bronze Beauty. This variety is early flowering; seed sown in July blooms in November through Spring. Flowers have upper lips of dark brown with lower lips yellowish bronze..... 1.50

Glorious (Frank). A highly attractive reddish copper with yellow lip. Popular in Chicago retail trade. Early flowering, none quicker on a comeback after first crop is off..... 1.00

***Ideal Improved** (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed 1.50

***Lady Dorothy.** Red-bronze with a glowing quality under artificial light. The color is somewhat similar to Glorious, but it is a true winter-flowering variety..... 3.00

Miss Wooster. The color is a dazzling rich dark bronze. It is an ideal shipping variety..... 1.00

***Sunlight.** Improved Suntan, finest early golden bronze X... 1.00

***Suntan.** Rose shade of tan with tinge of yellow on lip. Early blooming X..... 1.00

Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination.... 2.00

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed..... 1.50

Schumann's Lavender. Excellent, large flowered rosy lavender for spring blooming. Full heavy spikes..... 2.00

***Windmiller's Lilac.** Excellent orchid, true to type and color, early, hard wiry stems, small foliage, productive. Earliest in this color..... 1.50

PINK AND ROSE SHADES

America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The heads are sixteen to twenty-five inches long, carrying well set, large florets..... 1.50

***Ball's Early Pink.** Rose pink..... 1.00

***Better Times** (Windmiller). A real American Beauty rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day..... 2.00

Cheviot Maid. Reselected. Deep rose-pink X..... 1.00

***Christmas Cheer** (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops.....½ Trade pkt. $1.75 3.00

Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X..... 1.00

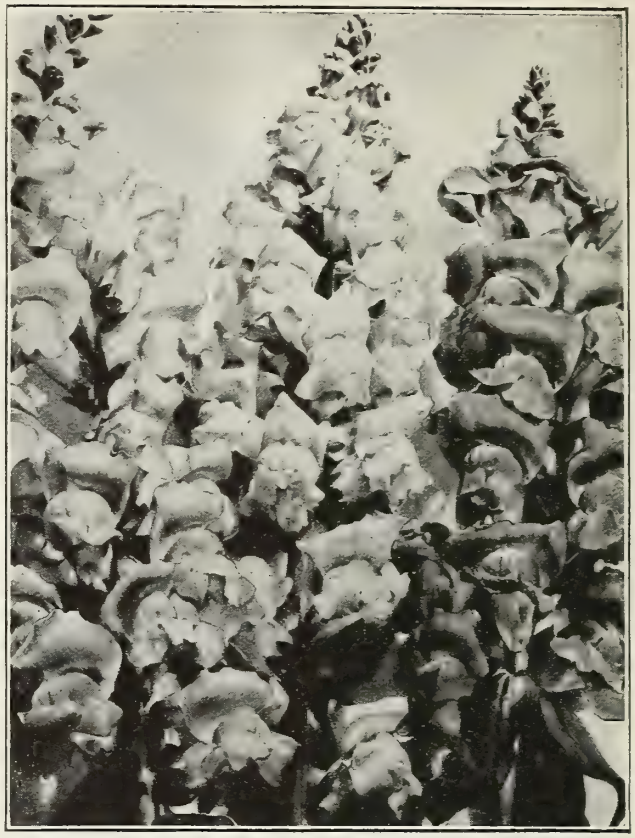
Delworth's Supreme. A Canadian introduction by the well known grower Cecil Delworth. It is a selection of Cheviot Maid made over a period of ten years for earliness and uniformity..... 1.50

***Dorcas Jane** (Yoder). Light pink slightly larger flower than Mary Ellen and shade deeper and a little earlier. With a clean habit of growth and outstanding vigor..... .....1,000 seeds $1.50 (2,000 seeds) 2.50

Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads..... 1.50

La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem..... 1.50

Light Pink Peggy Schumann. Blooms a little earlier than the darker variety..... 2.00



ANTIRRHINUM Christmas Cheer, Ethel, Better Times

PINK AND ROSE SHADES—Continued

Trade pkt.

Marie Louise. Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set..... $2.00

***Mary Ellen** (Yoder) is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets.....½ trade pkt., $1.50 2.50

***Maryland Pink** (Winkler). Early, light pastel pink. Large flowers.....½ trade pkt., $1.75 3.00

New Cincinnati (Witterstaetter). The finest light rose X... 1.00

Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots..... 2.00

Rose Queen. Dark pink X..... 1.00

St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer..... 1.50

***Yoder's No. 33.** One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit..... 1.50

RED

***Shisler's Red,** a glowing wine-red, 100% true to color, uniform growth with an excellent stem free of grass. If sown July 5th and pinched September 15th, it will bloom from Thanksgiving on..... 2.00

Velvet Beauty. Rich American Beauty crimson..... 1.00

Velvet Supreme. A rich velvety scarlet crimson..... 1.50

WHITE

Feist's White (West Hills). A true sport of Cheviot Maid. Clear white with a touch of yellow on the lip..... 2.00

Junglewood White (Junglewood Greenhouses). Dazzling white; deep green foliage; tall, sturdy, whiplike stems; long spikes of closely set florets; a shatterproof quality, which permits an unusual number of flowers to be open before cutting, must be sown early.....½ Trade pkt., $1.25 2.00

"SNAPS" For Greenhouse Forcing—Cont'd

Trade pkt.

***Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers..... $1.50

***Lucky Strike Improved.** Popular pure white, grows three to four feet with full spike of flowers. Blooms earlier than the original; does not drop or shatter..... 1.50

***Margaret** (Yoder) is a winterblooming ivory white, whiter than the old Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size. The florets last a long time and do not shed..... 2.00

Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage.. 1.50

Peace (Ball). Large closely set florets of the pure white on long, wiry stems. The unusually rich dark green foliage contrasts vividly with the snowy whiteness of its flowers..... 1.50

***Schlegel's White.** Early and vigorous grower for early and late planting..... 1.50

Snow White (Windmiller). Late white for Easter an Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems..... 1.50

Westover's Fringed Early White (Windmiller). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late..... 1.50

White Peggy Schumann. Has the same characteristics of the popular Pink Peggy but blooms earlier..... 2.00

***White Wonder, Improved.** Longer and better stems with flowers well placed—keeping the pure white color of original. 1.50

YELLOW

***Carol Jean** (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter..... 2.00

***Ceylon Court. Dark Selection.** Canary yellow. Our introduction X..... 1.00

Coate's Yellow Perfection. Deep golden yellow. Spring flowering X..... 1.00

***Ethel.** Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof. 1.50

Frances Schlegel. In color a golden daffodil yellow, retaining color under any weather conditions; a good stem with no excess grassy growth and an excellent producer (averages five spikes to a plant)..... 2.00

***Gilbert's Yellow.** Bright yellow. Sown July 1st and pinched September 15th, will start to bloom in November and blooms the whole season. Gives a high percentage of first grade flowers..... 2.00

***Goldie** (Windmiller). Deep early yellow..... 1.50

Junglewood Yellow. Large rich yellow flower. Vigorous, strong grower. Exceptionally heavy spike and stem. Mid-season blooming. Remarkably free of side growth, non-shattering. Height about four feet. Must be sown early. .....½ Trade pkt. $1.25 2.00

Klondyke Supreme. Deep intense golden yellow with extra large individual florets..... 1.00

***Schlegel's Yellow.** Early and vigorous grower for early and late flowering..... 1.50

Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth..... 1.50

Yellow Peggy Schumann. Has all the characteristics of Pink Peggy. Earlier and far superior to the old Schumann Yellow..... 2.00

***Yellow Wonder** Early and free flowering. Has a good stiff stem, a fine commercial variety..... 1.50

Greenhouse Varieties Vaughan's Special Mixture. With pinks predominating..... 1.00

Giant Ruffled "Tetra-Snaps"

A new race of snapdragons created scientifically by treating normal flowers with the drug colchicine, which made a fundamental change in the cell formation, in technical terms changing diploids into tetraploids. This resulted in larger flowers, with thicker petals, attractively ruffled, fuller spikes with more florets open at one time, heavier stems and sturdier plants. Each plant produces several stems, the central spikes averaging 2½ ft., surrounded by lesser ones. Mixture includes a complete range of snapdragon colors in harmonious combinations. 1/16 oz., $1.25; ⅛ oz., $2.25; ¼ oz., $4.00; trade pkt., 50c; oz., $14.00.

ANTIRRHINUM MAJESTIC HALF DWARF

Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding and pots.

Black Prince. Nearly black, small dark leaves, early.
Empress. Rich velvety crimson.
Flame. Improved Defiance.
Golden Monarch. Good yellow.
Golden Queen. Yellow.
Mauve Queen. Rosy lilac.
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florists' use.
Purity. White.
Red Emperor. Rich deep scarlet.
Royal Rose. Rich deep rose.
Each of the above, ¼ oz., 80c; Trade pkt., 25c.
St. George. Orange cerise, ⅛ oz., 60c; ¼ oz., $1.00: Trade pkt., 35c,
Vaughan's Special Mixture. Semi-tall sorts. ¼ oz., 55c; oz., $2.00; trade pkt., 25c.

"Majestic" Half Dwarf Sorts

A type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

Avalanche. Pure White.
Dawn of Day. Rose pink and apricot.
Delight. Apricot.
Eldorado. Yellow.
Evensong. Chamois.
Golden Dawn. Golden buff, overlaid salmon.
Orange King. Rich orange.
Red Chief. Rich deep scarlet.
Rose Beauty. Rose-pink self.
Rose Marie. Light salmon, gold center.
Twilight. Delicate rosy salmon.

		Trade pkt.	Oz.
Each of the above	¼ oz. $1.00	$0.30	....
Majestic Varieties, mixed	¼ oz., 75c	.25	$2.60
Rose Princess. Giant flower, brilliant cerise rose with center overlaid gold		.50	....

ANTIRRHINUM—Continued

Rust Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

MAXIMUM OR SUPER GIANTS—2¾ ft.

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.
Appleblossom. Rose pink, white tube.
Campfire. Pure luminous scarlet.
Canary Yellow.
Copper Queen. Burnished copper.
Crimson. Fiery crimson.
Daffodil. Beautiful two-tone yellow.
Golden Glory. Deepest yellow.
Indian Summer. Coppery rose scarlet.
Loveliness. Pure soft rose-pink.
Pink Sensation. Pure pink, frilled flowers.
Red Cross. Glowing velvet crimson.
Salmon Rose Shades.
Swing Time. Rose-pink.

		Trade pkt.	Oz.
Each of the above	⅛ oz., 45c; ¼ oz., 80c	$0.25	$2.80
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend	⅛ oz., 45c; ¼ oz., 80c	.25	2.80

LARGE FLOWERING DWARF—1½ ft.

Bumble Bee. This is a very novel combination of colors. Crimson with a white tube and a large yellow lip.
Amber and Gold.
Carmine Rose.
Du Barry. Flaming salmon rose.
Ruby. Garnet.
Gypsy Girl. Carmine, yellow rose. Trade pkt. only.
Indian Girl. Beautiful old gold.
Wild Fire. Bright orange.
Each of above, ¼ oz., 75c; Trade pkt., 25c.

LARGE FLOWERING TALL 2½ ft.

(Majus Grandiflorum)

Brilliant Rose. True rose pink.
Cherry Rose. New outstanding color. It is the most brilliant shade imaginable of deep cherry rose. The plants are base-branching with straight stems of long spikes all with large well placed flowers.
Daintiness. Rose-pink, white throat.
Orange Shades.
Padre. A glistening crimson, rich and beautiful.

ANTIRRHINUM—Continued

Reveille. Rich yellow.
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.
Salmon Pink.
Shasta. Pure white, extra free flowering.
Yellow Jacket. A clear deep yellow.

		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.25	$2.80
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend	¼ oz., 70c	.25	2.40

SUPER MAJESTIC 16 to 20 in.

Extra large flowers with medium long stems.

Harmony. Terra cotta and yellow shaded rose.
Orange Shades **Red Rocket** **Rose Sensation.**
Royal Crimson **Silver Pink.**

Each of above	¼ oz., $1.00	.35	....
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations	¼ oz., 80c	.35	....

Vaughan's Special Mixture. All Rust Proof varieties	¼ oz., 85c	.35	3.00

Dwarf Sorts—New Resistant Strain

		Trade pkt.	Oz.
Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint	⅛ oz., $1.00	$0.35	....
Magic Carpet Mixed. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Useful for border or rock garden	⅛ oz., $1.00	.35	....
Tom Thumb Mixed. Fine for pots and edging. 6 in.	¼ oz., 70c	.25	....
Red		.25	....
Rose		.25	....
White	¼ oz., 70c	.25	....
Yellow	¼ oz., 70c	.25	....

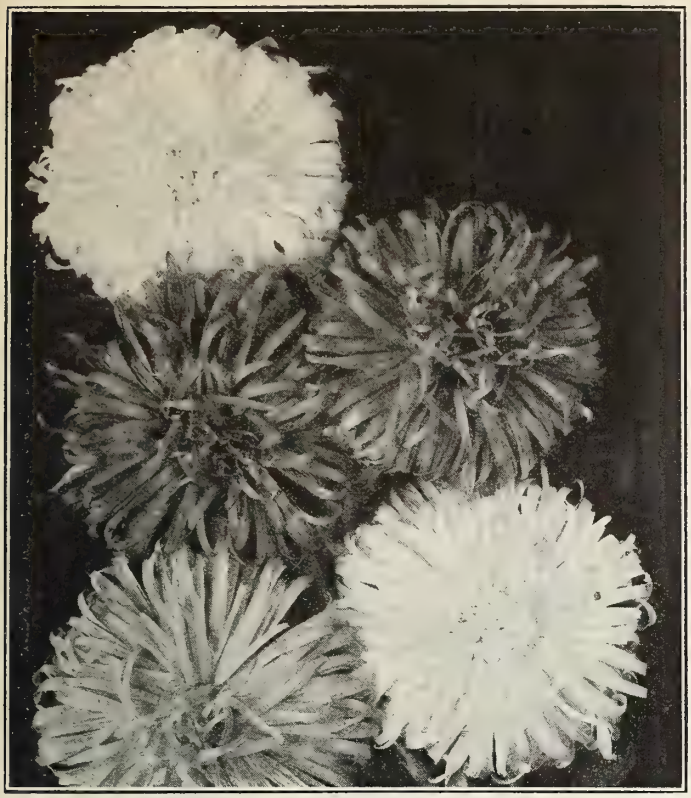
		Trade pkt.	Oz.
Amaranthus Molten Fire. Fiery crimson and maroon	¼ oz., 35c	$0.15	$1.20
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy. 30 in.	¼ oz., 35c	.15	1.20
Tricolor Splendens. Very beautiful foliage. 3 ft.	¼ oz., 35c	.15	1.20
Vaughan's Special Mixture	¼ oz., 35c	.15	1.20
Anagallis Grandiflora Coerulea. Dark blue. 10 in.	¼ oz., 35c	.20	1.20
Terra Cotta. Red	¼ oz., 35c	.20	1.20
Anchusa Capensis, Blue Bird. Vivid indigo, 18 in.,	¼ oz., 25c.	.15	.75
Aralia Sieboldi. 100 seeds, 35c; 1,000 seeds, $3.00.			
Arctotis Breviscapa Aurantiaca. The daisy-like flowers have dark orange petals which turn lighter toward the center, with a purplish disc. 6 in.	¼ oz., $1.00	.35	....
Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.	¼ oz., 30c	.15	1.00
Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft.	¼ oz., $1.00	.35	3.50
Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting	¼ oz., 75c	.25	2.25

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, $2.00; 5000 seeds, $9.00; 10,000 seeds, $17.00.

Sprengeri. 100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, $2.00; 5000 seeds, $9.00; 10,000 seeds, $17.00.

		Trade pkt.	Oz.
Baileya Multiradiata (Desert Sunray). Grayish-green, woolly stems and foliage, and the flower is 1½ in. across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color. 1 ft.	¼ oz., 85c	$0.35	$2.80
Bachelor's Button. See Centaurea Cyanus.			
Brachycome Iberidifolia (Swan River Daisy). 12 in. Mixed		.20	1.40
Briza Maxima. Graceful panicles which tremble in the slightest breeze. 12 to 18 inches		.25	1.00
Briza Minima Gracilis. Dwarf form of the above		.25	1.00
Browallia Elata Blue		.20	1.00
Speciosa Major. Blue. Large deep blue flowers. Fine for pots. 12 in.	¼ oz., $4.50; ⅛ oz., $3.75; 1/16 oz., 2.00	1.00	....
Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding	1/16 oz., $1.00; ⅛ oz., $1.80	.35	....



ASTER WILT RESISTANT CREGO

Asters

WILT-RESISTANT

Protect Asters with Insecticides Containing D.D.T.

To kill leaf hoppers, which transmit the yellow disease, for which there has hitherto been no reliable treatment. Occasional spraying or dusting with this lasting insecticide should protect your asters from infection, which is the chief enemy of these beautiful flowers in sections where the wilt disease is not established in the soil. We recommend Protexall D. D. T. 5% dust, and D. D. T. 50% wettable dust. Wilt resistant varieties are resistent only to wilt, but in general are more vigorous, and less susceptible to other infections. Whenever a variety can be offered in a wilt resistant strain, we omit its non-resistant counterpart from the list.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Crimson	Lavender	Violet
Blue Flame	Deep Rose	Pink	White
Cattleya (Orchid shades)		Purple	

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Crego Mixed, all colors	¼ oz., 50c	.30	1.75

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	Crimson	Carmine Rose	Purple
September Beauty (delicate shell pink)			White

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Early Beauty Mixed, all colors	¼ oz., 50c	.30	1.75

ASTER WILT RESISTANT GIANT BRANCHING

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. With practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

		Trade pkt.	Oz.
Light Blue	¼ oz., 80c	$0.35	$2.80
Peachblossom. Opens white, flushes lavender pink	¼ oz., 80c	.35	2.80
Rose Marie. Rich lively shade of rose	¼ oz., 80c	.35	2.80
Early Giant Mixed, three varieties	¼ oz., 80c	.35	2.80

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink	Sensation (deep red)
Deep Rose	Purple	White
Lavender		

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Giant Branching Mixed, all colors	¼ oz., 50c	.30	1.75

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Ballet Queen. A fascinating new shade of deep salmon rose. See inside front cover for illustration in color.

Azure Blue	Crimson	Dark Blue	Flesh Pink
Light Blue	Scarlet	White	Rose

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Queen of Market Mixed, all colors	¼ oz., 50c	.30	1.75

PRINCESS NEW CRESTED—2 feet

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

Princess Anne. Delicate pink turning to rose as they mature.

Princess Barbara. Orchid color.

Princess Bonnie. Beautiful soft salmon rose with a center of rich gold.

Princess Golden Sheaf. Yellow self. By feeding this item heavily and giving partial shade, there will be a fine long stem growth and a good strong yellow color.

		Trade pkt.	Oz.
Each of above	¼ oz., 80c	$0.35	$2.80
Princess Mixed. The above	¼ oz., 80c	.35	2.80

ASTERS Wilt Resistant—Continued

OTHER VARIETIES

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple.

Each of the above 5 varieties, trade pkt., 30c; ¼ oz., 60c; oz., $1.85.

		Trade pkt.	Oz.
Giant Mammoth Peony Flowered, Silvery Rose. Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. 2½ to 3 ft.	¼ oz., 70c	$0.35	$2.40
Heart of France. Glowing ruby-red	¼ oz., 60c	.30	2.00

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender	**Scarlet**		
Peachblossom	**Shell Pink**		
Purple	**White**		
Rose-Pink			
		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Royal Mixed, all colors	¼ oz., 50c	.30	1.75
New Tilford Wilt Resistant White. This is of the Royal type. It has been developed by Dr. Paul Tilford of Ohio State University in co-operation with the Ohio Florists Association and is extremely Wilt Resistant		1.00	....

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors	¼ oz., 50c	.30	1.80
Vaughan's Special Mixture of Wilt-Resistant Varieties. This is a mixture of the most beautiful and distinct colors of the tall-growing Asters.	¼ oz., 70c	.30	2.40
Single Rainbow Mixture. Wilt-Resistant. This might be considered as a midseason variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively various shades of blue, meaning light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth	¼ oz., 50c	.30	1.75

STANDARD BRED ASTERS

CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	**Crimson**	**Dark Purple**	**Deep Rose**
Light Purple	**Peachblossom**	**Light Blue**	**White**
		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.35	$2.75
California Giants Mixed, all colors	¼ oz., 70c	.30	2.50
Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink	¼ oz., 85c	.35	3.00
Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period	¼ oz., 85c	.35	3.00

IMBRICATED POMPON—20 in.

Flowers very freely produced, often as many as 20 to a plant. Blooms very early. The small round Pompon blossoms have an outside row of short guard petals.

Crimson	**Light Blue**	**Scarlet**	**White**
		Trade Pkt.	Oz.
Each of above	¼ oz. 75c	$0.35	$2.75
Imbricated Pompon Mixed, all colors,	¼ oz. 75c	.35	2.75

BEGONIA MASTERPIECE

CALIFORNIA GIANT SUNSHINE ASTERS

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

		Trade pkt.	Oz.
Mixed, all colors	¼ oz. 75c	$0.30	$2.50

Begonias—Fibrous-Rooted

We have divided this family into three sections: the dwarf growing 6 to 8 in.; those of medium height 9 to 11 in.; the taller ones 12 in. and over.

DWARF, 6 to 8 INCHES

		Trade pkt.
Pink Pearl. Of dwarf, compact habit—6 to 8 inches high, this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage. We recommend it	2,000 seeds	$1.50
Red Pearl. Same as above in habit, and blooming habit. Color, brilliant dark scarlet	2,000 seeds	1.50
Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive	1/64 oz., $2.50	1.00
Ball Deep Rose. Identical in habit to Adeline from which it was selected. Under winter and spring conditions the color is a deep rich rosy red which gradually fades to a bright luminous pink with the coming of warmer weather	1/64 oz., $2.75; 1/32 oz., $5.00	1.00
Ball Red. Fairly dwarf in growth and of uniform, perfectly rounded habit. The plants are literally covered with medium large flowers of the brightest scarlet red imaginable. Much more brilliant and intense than King of the Reds or Luminosa	1/64 oz., $2.75; 1/32 oz., $5.00	1.00
Bois de Vaux Rose. Vivid rose, floriferous pyramidal growth, green metallic foliage, decorated with narrow red border, compact, upright	1/64 oz., $2.25; 1/32 oz., $4.00	1.00
Dwarf Luminosa. Bright scarlet, free flowering. Excellent pot plant	1/64 oz., $3.00	1.00
Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage. 8 in.	1/64 oz., $2.25; 1/32 oz., $4.00	1.00
King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze	1/64 oz., $2.50; 1/32 oz., $4.50	1.00
Winter Romance. Carmine rose, green foliage	1/64 oz., $2.25; 1/32 oz., $4.00	1.00
Vaughan's Special Mixture of Dwarf Varieties for pots and bedding	1/64 oz., $2.50; 1/32 oz., $4.50	1.00

BEGONIA—Cont. **MEDIUM, 9 to 11 INCHES** Trade pkt.

Carmen. Bright rose flowers, bronze foliage....1/64 oz., $2.50 $1.00

Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green..... 1.00

Enchantress. Fresh rose color.....1/64 oz., $2.50 1.00

Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....1/64 oz., $2.50 1.00

Luminosa. Deep dark scarlet flowers, foliage reddish brown. 10 in.....1/64 oz., $3.00 1.00

Prima Donna. Limpid rose, shading to carmine, most beautiful. 10 to 12 in.....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Salmon. Glowing shade of salmon..... .50

Scandinavia Pink. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering..... .....1/64 oz., $2.75; 1/32 oz., $5.00 1.00

Scandinavia Red. Like above except in color..1/64 oz., $2.75 1.00

Snow. Pure white blossoms; green foliage.....1/64 oz., $2.00 1.00

White Pearl. White. 10 in..... 1.00

TALL, 12 INCHES AND UP

Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet.....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink,..... .....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Homeran. All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous.

Homeran Crimson. Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose. 15 to 18 in..... 1.00

Homeran Rose. A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in. .....1/64 oz., $2.50 1.00

Homeran White. Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in... .....1/64 oz., $2.50 1.00

Ile de France. The best white. The foliage is light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day.....1/64 oz., $2.00 1.00

Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in.....1/64 oz., $2.00 1.00

Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage..... .....1/64 oz., $2.25; 1/32 oz., $4.00 1.00

Vernon. Flowers blood red, dark leaves..... .50

Vaughan's Special Mixture all Varieties..... .....1/64 oz., $1.50; 1/32 oz., $2.50 1.00

Double Tuberous Rooted Vaughan's Special Mixture. This cream of a specialist's collection contains the lovely camellia and rose flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed..... 2.50

Cactus Seed

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

	100 Seeds	1000 Seeds
Opuntia (Fig-cacti). Mixed.....	$0.50	....
Cacti. All kinds and forms, mixed.....	.35	$3.00

Calandrinia Umbellata Amaranth. Crimson violet. 6 in..... .25 ....

Cacalia (Tassel Flower) 2 ft.

This "perky" little annual blooms in a few weeks from seed. The flowers of scarlet or gold on branching stems look exactly as the name indicates, fluffy tassels, less than half an inch in diameter. Blooms until heavy frost. Fine for mixed bouquets. Trade pkt. Oz.

Mixed. Scarlet and yellow..¼ oz., 80c; ½ oz., $1.40 $0.35 $2.50

BUSH BALSAM MIXED. Trade pkt., 35c; oz., $2.20.

Balsam

Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

Scarlet. Rose. White.
White Reflected Rose. Torch. Dwarf red. Trade pkt. Oz

Each of the above.....	¼ oz., 60c	$0.35	$2.20
Bush Mixed.....	¼ oz., 60c	.35	2.20

Calceolaria Hybrida

Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage.....1/64 oz., $2.75 Trade pkt. $1.25 Oz. ....

Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties .....1/64 oz., $2.40; 1/32 oz., $4.40 1.00 ....

Hybrida Grandiflora Cloth of Gold. Medium large freely produced, golden yellow flowers, very showy. 1.00 ....

Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock..... .....1/128 oz., $2.25; 1/64 oz., $4.00 1.00 ....

Gilbert's Strain. A selection of the Multiflora Nana type made by a grower in our midwest. Bright colors. 1.00 ....

Gilbert's Red. Multiflora Nana type..... 1.00 ....

Gilbert's Yellow. Multiflora Nana type..... 1.00 ....

Grandiflora, "Flower Cloud." The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Small flowers in shades of yellow, orange and bronze. .....1/128 oz., $3.50 1.50 ....

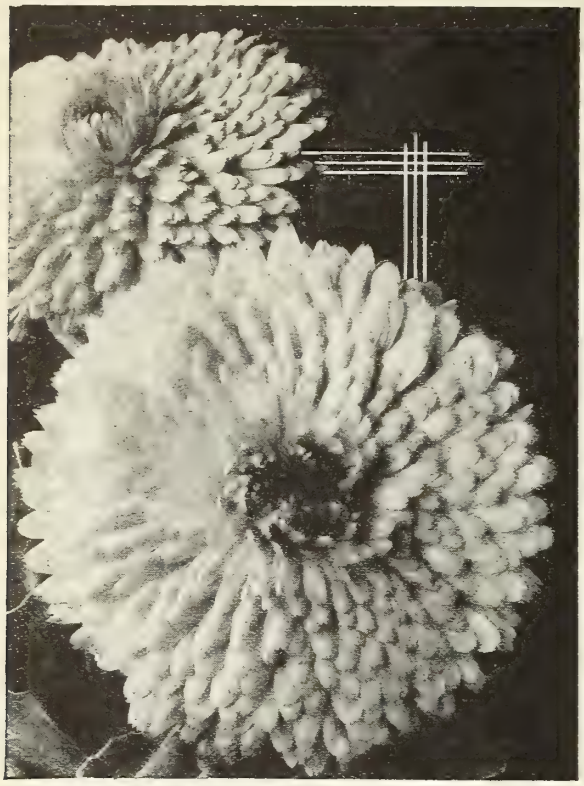
Dwarf Tigered or Spotted. Various spotted shades of red and rosy bronze....1/64 oz., $2.50; 1/32 oz., $4.50 1.00 ....

Calendula

BEDDING VARIETIES

Apricot Beauty. This new family of Calendulas produces uniformly larger flowers of better formation, longer and straighter stems and more resistance to summer heat. The attractive two-toned effect is more clearly pronounced than in the older type. A lovely apricot.....¼ oz., 60c Trade pkt. $0.40 Oz. $2.00

Orange Beauty. 2 ft. Blooms are 3½ in. and more across of curved loose petal formation on long stems. The color is bright, deep orange slightly suffused with yellow at the base of the florets, the inner petals gracefully curling in.....¼ oz., 60c .40 2.00



CALENDULA VAUGHAN'S IMPROVED SENSATION

CALENDULA—Cont.

		Trade pkt.	Oz.
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony	¼ oz., 25c	$0.15	$0.85
Pastel Bedding Mixed. Charming assortment of art shades	¼ oz., 50c	.30	1.60
Radio. The flowers are medium size, good depth and clear orange. The petals are quilled	¼ oz., 25c	.15	.85
Shaggy Orange. The petals are long and deeply laciniated, orange with darker center	¼ oz., 25c	.15	.85
Sunshine or Chrysantha. Petals long, broad and drooping. Buttercup yellow	¼ oz., 25c	.15	.85
Yellow Colossal. The well formed, bushy plants grow 18 in. high. Flowers are extremely double, 4½ in. and more across and of a clear, bright yellow	¼ oz., 60c	.40	2.00
Vaughan's Special Mixture of bedding varieties	¼ oz., 30c	.20	1.00

FORCING VARIETIES

These improved varieties, while mainly grown in the greenhouse, can also be grown outdoors for cutting.

		Trade pkt.	Oz.
Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape	¼ oz., 60c; 2 oz., $3.50	$0.40	$2.00
Ball Apricot. Light straw or buff color with dark center	¼ oz. 60c; 2 oz., $3.50	.40	2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved	¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball Lemon Queen	¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange	¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball Orange Improved. Rich orange, light center. Petals slightly notched	¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball Masterpiece. Extra long-stemmed, deep orange-brown center	¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball White (Moonlight). A beautiful soft cream yellow	¼ oz., 60c	.40	2.00
Vaughan's Special Mixture for greenhouse forcing	¼ oz., 50c	.35	1.50

CANDYTUFT Giant Hyacinth Flowered Select, Pure White

California Poppy. See Escholtzia.

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

		Trade pkt.	Oz.
Mixed, All Colors	¼ oz., 25c	$0.15	$0.80

Candytuft

Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mothers' day	4 oz., $2.60; lb., $8.00	.20	.80
Umbellata Carminea. Carmine. 12 in.	¼ lb., $1.60	.15	.50
Alba. White. 12 in	¼ lb., 1.60	.15	.50
Flesh-Pink. 12 in	¼ lb., 1.60	.15	.50
Lilacina. Lilac. 12 in	¼ lb., 1.60	.15	.50
Purpurea. Crimson. 12 in	¼ lb., 1.60	.15	.50
Rose Cardinal. Rose-pink. 12 in	¼ lb., 1.60	.15	.50
Vaughan's Special Mixed	¼ lb., 1.60	.15	.50
Dwarf Mixed. For pots or combination baskets		.15	.60
Minature Gem. A neat early flowering rock or border plant 4 in. high. White	¼ oz. 25c	.15	.80

For Gibraltarica and Sempervirens, see Perennial Pages.

Calliopsis

		Trade pkt.	Oz.
Tall All-Double Mixed. 3 ft. high. The best strain of double flowering Calliopsis. Flowers are semi-double and double, 1 to 1½ inches across, borne on long graceful stems	¼ oz., 25c	$0.15	$0.80
Drummondi (Golden Crown). Rich golden yellow with a shining maroon central zone		.20	.80
Drummondi (Golden Wave) Golden yellow with brown-red ring. 20 in.		.15	.60
Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals		.20	.80
Vaughan's Special Mixture		.15	.60
Dwarf Mixed		.15	.40
Dazzler. Dwarf variety. Dark red flowers edged deep golden yellow		.15	.600

Fragrant Double Carnations of the Enfant de Nice type can be grown in five months from seed

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

				Trade pkt.	Oz.
Deep Rose	Rose-Pink	White			
Flesh-Pink	Salmon-Rose	Yellow			
Maroon	Scarlet				
Each of above			¼ oz., 90c	$0.35	$3.20
Vaughan's Early and Perpetual-Flowering, mixed			¼ oz., 90c	.35	3.20

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

		Trade pkt.	Oz
White	Rose		
Salmon	Red		
Each of above	⅛ oz., $2.00	$0.50	....
Mixed, from varieties noted above	⅛ oz., $1.50; ¼ oz., $2.75	.50	$9.00
Giant Margaret Mixed, 20 in.	¼ oz., 65c	.25	2.20
Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted	⅛ oz., $1.10; ¼ oz., $2.00	.50	....
Teicher bi-annual mixed. Produces extraordinary large blooms in a fine range of colors; excellent for cutting	⅛ oz., $2.50	.75	....
Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented	¼ oz., $1.65	.50	6.00
Vaughan's Special Mixture. A mixture of Enfant de Nice, and Giant Margaret Mixed Vaughan's Early and Perpetual Flowering	⅛ oz., $1.00	.50	....

For other Carnations, see Perennial Pages.

Celosia

Childsii (Chinese Wool Flower)

		Trade pkt.	Oz.
Crimson. Yellow. 2 ft.	Each, ¼ oz., 50c	$0.25	$1.75
Deep Rose		.25	....
Mixed. The above colors	¼ oz., 50c	.25	1.75

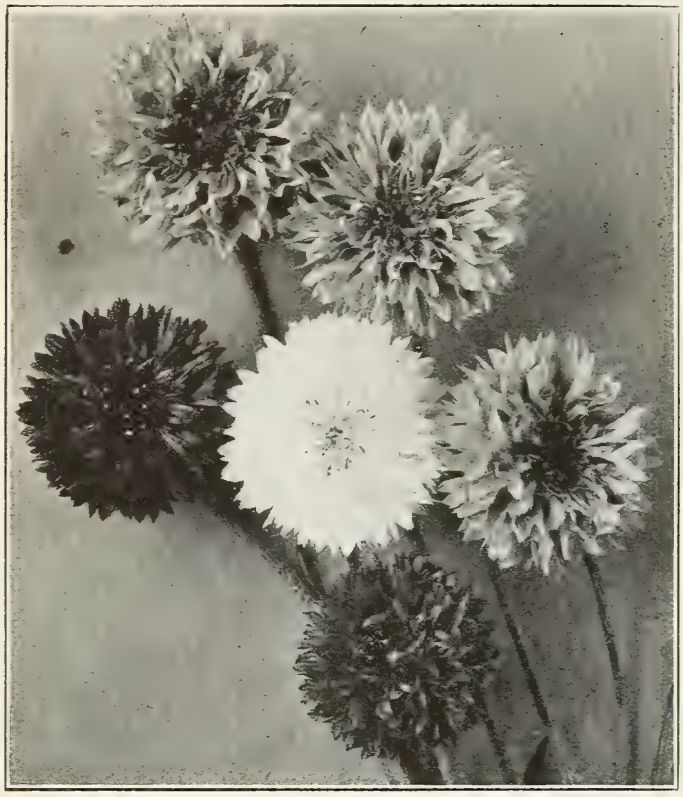
Cristata (Cockscomb)

Tall, Crimson	¼ oz., 50c	.25	1.75
Giant Crimson Glory. Brilliant heads of cherry red overlaid with silver. They look almost blood red under artificial light. Practically free of the branching habit. Average heads 8 in. to 10 in. by 5 in. Grow about 14 to 18 in. in height, having shining bright green leaves and a red tinged stalk	¼ oz., $1.75; ⅛ oz., $1.00	.50	....
Gilbert's Giant Rose Beauty. Nonbranching unless pinched when less than 12 in. tall. Foliage bright glossy green. Stems are round strong and straight, carrying flower heads when full grown 8 to 12 in. or more across; very ruffled and ball shaped. The color is rather uniform bright rose pink, on a silver colored base. Drys perfectly after being used as a cut flower. 3 to 4 ft. tall		.50	....
Gilbert's Harlequin. See page 3		.75	....
Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched	(300 seeds).	.50	....
Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft.	¼ oz., 80c	.25	3.00
Tall Sorts, Mixed	¼ oz., 25c	.15	.80
Nana Aurea. Dwarf, dark golden. 12 in.	¼ oz., 60c	.25	2.20
Empress. Crimson combs, dark foliage	¼ oz. 60c	.25	2.20
President Thiers. Dark crimson. 12 in.	¼ oz., 80c	.25	3.00
Rosea. Dwarf. Dark rose combs. 12 in.	¼ oz., 60c	.25	2.20
Dwarf Sorts. Extra choice mixed	¼ oz., 60c	.25	2.20
Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size		.50	....

Plumosa (Ostrich Feather)

Crimson	¼ oz., 60c	.25	2.00
Orange	¼ oz., 60c	.25	2.00
Scarlet	¼ oz., 60c	.25	2.00
Thompsoni Magnifica, Mixed	¼ oz., 60c	.25	2.00
Parrot's Feather, Mixed		.35	....
Pride of Castle Gould, Mixed	¼ oz., 85c	.25	3.00
Pyramidalis Flame of Fire. 18-20 in. Perfect pyramidal habit with head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet		.35	....
Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in.	⅛ oz., 65c; ¼ oz., $1.25	.25	4.00
Orange Feather. Golden orange. 15 in.	¼ oz, $1.25; ⅛ oz., 65c	.25	4.00
Mixed	¼ oz., $1.25; ⅛ oz., 65c	.25	4.00
Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white		.20	....

CELOSIA LILLIPUT



CENTAUREA Cyanus Super Giant Double Mixture

Centaurea Cyanus

SUPER GIANT Cornflower

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May also be sown out of doors just before freezing for early spring blooming.

Black Boy. Blackish maroon.
Blue Boy. Rich deep blue, very large flowers.
Pinkie. Deep pink. **Red Boy.** Deep red. **Snowman.** Best white.
Vaughan's Mixture of Super Giant New Varieties Mixed.
Each of above, Trade pkt., 15c; oz., 45c; 4 oz., $1.45; lb., $4.50.

	Trade pkt.	Oz.
Centaurea Cyanus. Jubilee Gem. A dwarf variety, making a compact plant covered with double dark blue flowers. Foliage forms a tufted mass of bright green. 12 in. ....¼ oz. 35c	$0.20	$1.00
Polar Gem Duplicate of the above only flowers are pure white....¼ oz., 60c	.35	2.00
Americana (Basket Flower). Lilac, 4 ft...lb., $6.00	.15	.60
Alba. White. 4 ft. Fine cut flower ....lb., 6.00	.15	.60
Imperialis (Giant Sweet Sultan). 32 in. Amaranth. Red. Pure white. Brilliant Rose. Splendens. Purple. Deep Lavender.		
Each of the above....	.20	.80
Imperialis Mixed Colors....	.20	.80
Suaveolens. Canary-yellow, 2 ft.....¼ oz., 30c	.20	1.00
Vaughan's Special Mixture. Includes all the annual Centaurea sorts....	.20	.80
Candidissima (Dusty Miller). White leaved for bedding. 6 in....¼ oz., $1.00	.50	3.50
Gymnocarpa. Fine cut leaved variety with silvery foliage. 24 in....lb., $6.00	.15	60

See also Perennial Pages.

Cardinal Climber....¼ oz., 55c	.25	2.00
Cleome Pungens (Spider Plant). Giant Pink Queen. A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost....¼ oz., 50c	.30	1.80
Lutea (Golden Cleome). Bright golden orange flowers ....¼ oz. 90c	.35	3.00

CHRYSANTHEMUM Vaughan's Rainbow Mixed

Chrysanthemum

	Trade pkt.	Oz.
Carinatum Vaughan's Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display.....¼ oz., 60c	$0.30	$2.00
Inodorum Plenissimum. Bridal Robe. Pure white. extra double, compact, fine foliage, 20 in. ⅛ oz., 50c	.25	....
Vaughan's Double and Single Mixed, annual sorts....	.15	.60
Frutescens (Paris Daisy). White, 30 in....¼ oz., 50c	.25	....

See also Perennial Pages.

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Albatross. Pure white.
Brilliant. Bright carmine rose
Firebrand. Brilliant copper scarlet.
Illumination. Orange and rose.
May Blossom. Glowing rose.
Orange King. Orange scarlet.
Purple Prince. Rich purple.
Salmonea Perfecta. True salmon.
Scarlet Queen.
Vaughan's Special Mixture.

Each of the above: Trade pkt., 15c; ¼ oz., 30c; oz., $1.00.

	Trade pkt.	Oz.
LaFrance. Salmon pink....	$0.15	....
Cineraria Maritima. (Dusty Miller). Diamond.... Leaves pure white....¼ oz., 25c	.15	$0.90
Cobaea Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer. ¼ oz., 30c....	.15	1.00
Cockscomb. See Celosia.		
Coix Lachrymae. Corn Beads, Job's Tears. lb., $2.60	....	.25
Coleus Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants. ¼ oz., $7.00; ⅛ oz., $4.00; 1/16 oz., $2.50; 1/32 oz., $1.50....	.60	...
Colosse de Pyrenees, Whitish ground dotted with red shades....	1.00	...
Vaughan's Rainbow Mixture. The above and others ....1/16 oz., $3.25; 1/32 oz. $1 80.	.75	...

CINERARIA Multiflora Nana Gold Center

CINERARIA "GOLD CENTER"
OF THE MULTIFLORA NANA TYPE

We were the introducer of this magnificent strain several years ago. It is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

1/32 oz., $3.50; 1/64 oz., $2.00; 500 seeds, 60c; 1000 seeds, $1.00.

Cineraria Hybrida

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.75; 1/32 oz., $3.00; 1/16 oz., $5.50 ..... 1000 seeds	$1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana ..... 1/64 oz., $2.20; 1/32 oz., $4.00; 1/16 oz., $7.50	1.50	....
Cremer's Improved Prize Strain. Originator's Packet.	1.50	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist.....	1.00	....
Multiflora Nana. Mixed, all colors,..... ..... 1/64 oz., $1.60; 1/32 oz., $3.00;	1.00	....
Potsdam Strain. Mixed (Berlin Market or Weissensee). American grown seed. The plants are taller and flowers larger than Cremer's..... ..... 1/64 oz., $1.75; 1/32 oz., $3.00	1.00	....
Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions 1/64 oz., $2.00; 1/32 oz., $3.75	1.00	....
Siter's Rainbow Strain. Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's ..... 1/16 oz., $8.00; 1/32 oz., $4.50; 1/64 oz., $2.50	2.00	....
Siter's Rainbow Originator's Packet.....	2.00	....
Star Cineraria (Cineraria Hybrida Polyantha). Feltham Beauty. Fine small flowering variety for cutting and decorative purposes, nearly all have white centers. 2 ft..... 1000 seeds	.75	....

COSMOS Sensation Mixed

Cosmos

	Trade pkt.	Oz.
Sensation Mixed. Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud..... 1/4 oz., 35c	$0 20	$1.20
Dazzler. Crimson..... 1/4 oz., 35c	.20	1.20
Pink Sensation..... 1/4 oz., 35c	.20	1.20
Radiance. Silver Medal. Top winner in the 1948 All America selections, a striking new flower with colors never before seen in Cosmos: Deep rose with rich crimson zone. Striking in the garden sunlight, Radiance is a beauty, too, in artificial light. The strong color of the petal becomes a soft luminescent rose with a deep crimson zone. The long strong stems are fine for cutting and flowers cut in the bud last many days..... 1/4 oz., 60c	.35	2.20
White Sensation..... 1/4 oz., 35c	.20	1.20
Double Early-Flowering. Pink, White or Red. They come about 40 percent double..... 1/4 oz., 60c	.30	2.00
Double Early Flowering. Mixed..... 1/4 oz., 60c	.30	2.00
Orange Flare. Early flowering deep orange. 1/4 oz., 25c	.15	.80
Semi Double Orange Ruffles. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Extremely free blooming,..... 1/4 oz., 30c	.20	1.00
Yellow Flare. 3-4 ft. Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow..... 1/4 oz., 30c	.20	1.00

Corn. Calico or Indian Squaw. Multi-colored kernels for fall decorations..... lb., $1.00 .... .15

Type of Our Cyclamen Persicum Giganteum

Corn Strawberry. While this is really a "Pop Corn" and a very good one at that, its charm is in its attractive effect of the tiny ears which are only 2 in. long and 1½ in. wide and are a rich and shiny mahogany color, not unlike a gigantic strawberry. They are enclosed in straw-colored husks which may be bent back showing the ear. These stalks sold on Chicago Market at 10c each.....¼ lb. $1.00; 1 lb., $3.60 .... $0.30

Convolvulus Major (Morning Glory). Mixed.....¼ lb., 50c .... .15

Crimson Rambler. Bright ruby red.... ¼ oz., 25c $0.15 .80

Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.....¼ oz., 60c .25 2.00

Ornamental Cotton

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations can not be sent to California..... .25 1.25

Cordyline. See Dracaena.

Coreopsis. See Perennial Pages.

Cornflower. See Centaurea Cyanus.

Cuphea Firefly. This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months.....⅛ oz., 75c; ¼ oz., $1.20 .25 ....

Avalon Hybrids. Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliaged plants with flowers of lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion, with all intermediate shades.....1/16 oz., 60c; ⅛ oz., $1.00 .25 ....

Cyclamen—Persicum Giganteum

☞ Our Cyclamen seed has been grown by experienced American and European growers who have specialized in this item for years.

Special Discount on Giganteum varieties for cash with order. 5% on 10,000 to 25,000 seeds; 10% on all orders over 25,000 seeds. 250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. Vogt's double cyclamen prices are net.

	100 Seeds	1000 Seeds
Baardse's Wonder. Salmon with white border.	$2.25	$20.00
Bonfire. Brilliant salmon	2.25	20.00
Bright Red	1.75	16.00
Dark Blood Red	1.75	16.00
Lavender	1.75	16.00
Mozart. Deep pink	1.75	16.00
New Ruffled, Mixed	2.30	21.00
Orange Beauty. Orange vermilion	2.30	21.00
Pink Pearl. Salmon pink	2.30	22.00
Pure Rose	1.75	16.00
Pure White	1.75	16.00
Saffron Red Silver Edge	2.50	22.00
Salmon Scarlet (America Improved)	2.30	20.00
Salmon-Rose Improved	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)	2.20	18.00
Salmon with Eye	2.20	18.00
Salmon Light (Rose of Zehlendorf)	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)	1.75	16.00
White with Carmine Eye	1.75	16.00
White Fringed	2.20	18.00
Vaughan's Florist Mixture	1.75	15.00

Vogt's Double Cyclamen

This strain comes about 80% true from seed.
Admiration. A beautiful salmon-rose with shaded eye.
Cerise Brilliant. A good Christmas red.
Coral Pink with mulberry eye.
Fluffy White with pink eye.
Orchid Pink.
Prosperity. An azalea type, flaming rose color.
Rosea. A soft rose with a coral cast, shading lighter at petal tips.
Double Mixed. The seven above.

Each of the above, 100 seeds, $3.50; 250 seeds, $7.00; 500 seeds, $13.00, Net.

Cyclamen flowers keep well when cut, if you make an incision lengthwise into the lower part of the stem with a sharp knife and put flower stems immediately into water.

Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass.....¼ oz., 30c $0.15 $1.00

Firmament. A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. ¼ oz., 35c .20 1.20

Dahlborg Daisy. Something new and different in uniformly dwarf border annuals. The thrifty little plants grow about 8 inches high and a foot wide, and are quite covered with small yellow daisy-like flowers. Absolute uniformity and early and continuous flowering are two important points in their favor. .....⅛ oz. $1.25 ¼ oz. $2.25 .50 8.00

Didiscus Coeruleus, Lavender Lace Flower, blue. 2 ft. .....¼ oz., 35c .20 1..00

Vaughan's Improved Wilt-Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart; does not transplant well. Not over Carnation temperature needed.....⅛ oz., $1.00; ¼ oz., $1.75 .50 6.00

DAHLIA Unwin's Dwarf Hybrids XXX Strain.
A Splendid Pot Plant Item for Mothers' Day.

Dahlia

These are easily grown from seed and will bloom first year if sown early.

UNWIN'S DWARF HYBRIDS

(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mothers' Day.
Trade pkt., 25c; ¼ oz., 65c; oz., $2.20; 4 oz., $6.50.

	Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed..... ⅛ oz., $1.00; ¼ oz., $1.80	$0.50	$7.00
Selecta. An extra choice strain..... ⅛ oz., $1.50	.75	....
Lilliput, Mixed (Pompon)..... ⅛ oz., $1.00; ¼ oz., $1.80	.50	7.00
Zulu. Dwarf double, dark leaved, mixed.....	.35	....
Vaughan's Special Double Mixed..... ⅛ oz., $1.00; ¼ oz., $1.80	.50	7.00
Single Coltness Hybrids, mixed. 1 ft..... ¼ oz., 50c	.25	1.60
Scarlet. Bright scarlet..... ¼ oz., 60c	.35	2.00
Single Giant Perfection Mixed. 4 ft. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, of the most bewildering variety of color..... ¼ oz., 60c	.25	2.00

Digitalis. See Perennial Pages.

Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden orange flowers. 12 in..... ¼ oz., 60c	.20	2.00
Aurantiaca, New Hybrids..... ¼ oz., 30c	.20	1.00
Ecklonis. White, dark blue center.....	.35	....
Glistening White. 6 to 8 in. The petals of the daisy-like flowers 4 inches in diameter, glisten like white enamel. They are borne freely on low, spreading plants, like hot sun and dry weather, and flower long after frost.....	.35	....
Golden West. Yellow orange center.... ¼ oz., 60c	.20	2.00
Salmon Beauty. Soft salmon pink..... ¼ oz., 60c	.25	2.00
White Beauty..... ¼ oz. 60c	.25	2.00
Dolichos Lignosus, Australian Pea Vine. Purple....	.25	
Dracaena Indivisa. Narrow-leaved. ¼lb. $1.50, lb., $5.00	.15	.50

DIANTHUS HEDDEWIGII GAIETY

Dianthus — Annual Pinks

	Trade pkt.	Oz.
Sweet William Double Annual Mixed. A brilliant blend of colors, fine for bedding or cutting. Blooms first year from seed and plants live over winter.... ¼ oz., 60c	$0.35	$2.00
Sweet William Single Annual Mixed. Blooms from seed the first year..... ¼ oz., 35c	.20	1.20
Heddensis Finest Mixed. An entirely new tetraploid variety combining the large open flowers of Dianthus Heddewigi with the rugged growth and long stemmed habit of Dianthus Chinensis. Well-formed 2 in. flowers in large numbers on 16 in. stems, suitable for cutting. More tolerant of extreme temperatures than either of its parents. All the traditional Dianthus colors in this new variety..... ¼ oz., 60c	.25	1.80
Heddensis Westwood Beauty, Red Shades. Flowers single, 1½–2¼ inches, deeply laciniated. The color is somewhat variable in red shades of crimson and scarlet, some having attractive white edgings. 12 inches..... ¼ oz., 60c	.25	1.80
Chinese Double Mixed..... ½ oz., 60c	.20	1.00
Heddewigii fl. pl. Fireball. Double, brilliant dark scarlet..... ¼ oz., 40c	.20	1.40
Double Mixed..... ¼ oz., 40c	.20	1.40
Gaiety. Very large, showy fringed flowers; wide range of lovely colors, pure white to crimson.. ¼ oz., 70c	.35	2.40
Laciniatus Splendens. The flowers are very large, a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft.. ¼ oz., 35c	.20	1.20
Vaughan's Special Mixed, Double and Single Pinks ..... ½ oz., 65c	.20	1.10
Vaughan's Special Mixture, Single Pinks.. ½ oz., 60c	.20	1.00
Vaughan's Special Mixture, Double Pinks. ½ oz., 70c	.20	1.20

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

	Trade pkt.	Oz.
Single Mixed..... ¼ oz., 30c	$0.15	$1.00
Double Mixed..... ¼ oz., 60c	.25	2.20

Barbatus. See Perennial Pages.
Plumarius. See Perennial Pages.

	Trade pkt.	Oz.
Dusty Miller. See Centaurea and Cineraria.		
Echeveria Elegans. Finest of all Echeveria. Even rosettes of a rich blue-gray; rich red and orange yellow blooms freely produced on short, stiff stems. .....500 seeds, $1.00	....	....
Echium Blue Bedder. Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers. Blooms in six weeks from sowing until frost.....¼ oz., 30c	$0.15	$1.00

Escholtzia

California, Spreading Varieties. 1 ft.		
Aurantiaca. Orange.....	.15	.60
Golden West. Yellow-orange center.....	.15	.60
Mandarin. Inside petals orange, outside scarlet....	.15	.60
Monarch Art Shades. Double.....	.20	1.00
Vaughan's Special Mixture.....½ oz., 45c	.20	.80
Euphorbia Heterophylla (Mexican Fire Plant). 3 ft. .....¼ oz., 40c	.15	1.40
Variegata (Snow-on-the-Mountain). Foliage edged white and green. 2 ft.....lb., $5.00	.15	.50
Hunnemannia (Bush Escholtzia). Yellow. 18 in...	.15	.60
Sunlite. Double bright canary colored flowers. Grey green foliage.....¼ oz., 40c	.25	1.20

EXACUM, Affine

Everlasting Flowers. Annual. See Acroclinium, Gomphrena, Helichysum, Statice and Xeranthemum.

Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Physalis and Statice.

Exacum Affine. Beautiful greenhouse pot plant, producing sweetly scented bright mauve flowers. Flowering within 6 months from sowing. Height 9 in. Trade pkt., $1.00

Felicia. Bergeriana. Turf-like foliage, with daisy-like blue flowers, ¾ in. across. ⅛ oz. 50c; trade pkt. 25c.

Fern Spores

Adiantum Cuneatum	Cyrtomium Rochfordianum compactum
Adiantum Hybridum	Pteris albo-lineata
Adiantum Hispidulum	Pteris serrulata
Adiantum Wrightii	Pteris serrulata cristata
Cibotium Schiedei	Pteris tremula
Aspidium tsussemense	Pteris Wilsonii
Cyrtomium falcatum	Pteris Wimsettii
Cyrtomium Rochfordianum (Holly Fern)	Pteris Wimsettii multiceps

Any of the above, per trade packet, $2.50.

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January with nice large blooms and long stems.

	Trade pkt.	Oz.
Freesia Refracta Alba Pura. Pure white. ¼ oz., $1.25	$0.50	$4.00
Rainbow hybrids. Colored varieties.....¼ oz., 80c	.35	3.00
Golden Daffodil. Clear light yellow with orange blotch.....¼ oz., $1.25	50	....
Vaughan's De Luxe Mixture. This strain is from one of the finest Freesia breeders and represents an outstanding blend. The blooms are extra large and have excellent stem length. The color range is most complete, including all possible shades and color variations. Can be flowered in six months from sowing.....	1.00	....

GYPSOPHILA Elegans Grand. Alba. London Market

	Trade pkt.	Oz.
Gaillardia Lorenziana. Double mixed, 20 in.....¼ oz., 30c	$0.15	$1.00
Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall.....¼ oz., 65c	.25	2.20
Garden Heliotrope. See Valeriana, Perennial Pages.		
Gazania. Splendens Hybrida Grandiflora. Mixed.	.35	....
Geranium. Flowerland Strain. Improved single large-flowered seed saved from name varieties. Include seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularily in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. 1/16 oz. 90c, ⅛ oz. $1.50.	.50	....
Gilia Capitata Reselected Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter. 2 ft.....	.15	.60
Globe Amaranth Rubra (red-purple).....¼ oz., 30c	.25	1.00
Dwarf Purple.....¼ oz., 60c	.30	2.00
Orange (Haageana). Flower looks like a ripe strawberry; a fine everlasting.....¼ oz., 35c	.15	1.00

Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.25.

Beacon. Flowers rich dark red, flexible leaves. 1000 seeds, $1.25.

Spotted and Stained Choice Mixture.....1,000 seeds, $1.25

Victory Giant Ruby Red. An outstanding variety with velvery rich red flowers. Plants are very vigorous with many side growths; a well grown plant, producing 50 or more flowers. Sow seed in January for blooming plants in 4-inch pots during June and July. Trade pkt., $1.00; 6 trade pkts., $5.00.

Gypsophila

	Trade pkt.	Oz.
Elegans Grandiflora Alba, London Market. Special Florist strain.....¼ lb., 75c; lb., $2.25	...	$0.25
Carminea. Deep rose.....¼ oz., 45c	$0.15	1.40
Crimson.....¼ oz., 45c	.15	1.40
Muralis. Dwarf, pink. Fine border and rock garden plant, 6 in.....	.25	....

ORNAMENTAL GOURDS

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

SMALL FRUITED	Trade pkt.	Oz.
Apple-Shaped	$0.15	$0.50
Bottle, Miniature	.20	.80
Crown of Thorns, also known as Finger Gourd, Holy Gourd, Gourd of the Ten Commandments and Sugar Bowl. Ten prongs extend from the ridges or angles, standing free from the front part of the fruit. The shell is hard and durable, as in other yellow-flowered gourds. Fruit is white or ivory white	.20	....
Flat Striped. Green and white stripes	.20	.80
Nest Egg. Practical nest eggs	.20	.80
Orange. The well known Mock Orange	.20	.80
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed	.20	....
Pear-Shaped. Green and white	.15	.50
Pear-Shaped. White	.15	.50
Pear-Shaped, Mixed	.15	.50
Spoon. Small ball-shaped fruit with slender neck, deep orange. By slicing off a side a satisfactory spoon is made	15	.50
Warted Sorts Mixed	.20	.80
Small Fruited Varieties Mixed	.15	.50
LARGE FRUITED		
Bird's Nest	.15	.50
Bottle. Large. The original Thermos bottle. Makes fine bird house	.15	.50
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes	.15	.50
Cave Man's Club. Also called Dolphin and Maranku. Knobby, club shaped, dark green	.20	.80
Dipper. Fruit makes an excellent dipper and may be used for bird house	.20	.80
Dishcloth or Towel. The fruit is made of a spongy-like porous pulp, which may be dried and used as a sponge. The fruit is eaten when young, being cooked like squash	.15	.50
Hercules Club. Fruit grows 3 to 4 ft. long	.15	.50
Turk's Turban. Ornamental, brightly colored	.15	.50

Sow with Gourds for decorative effect. Squaw Corn and Strawberry Corn on Pages 15 and 16.

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture. Trade pkt., 20c; oz., 80c.

HELICHRYSUM, Vaughan's Special Mixture

Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

		Trade pkt.	Oz.
Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft.	¼ oz., 30c	$0.15	$1.00
Dwarf Double Mixed	¼ oz., 45c	.25	1.40
Upright Single.			
Duke of York. Rich scarlet on white. 16 in.	¼ oz., 50c	.25	1.75
Kelvedon Glory. Glowing salmon-orange.	¼ oz., 50c	.25	1.75
Sybil Sherwood. Double deep, glowing, salmon orange	¼ oz. 60c	.25	2.00
Grasses. Tall Ornamental. Mixed	¼ oz., 30c	.15	1.00
Grevillea Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants	¼ oz., 55c	.20	1.80
Helianthus (Sunflower) Sun Gold. 4 to 5 ft. Brilliant golden yellow, double globe shaped flowers. Free blooming, 100% double, even and true shape. Early pinching will make many side shoots and in consequence smaller than one large flower if disbudded. Excellent for cutting	¼ oz., 25c; ¼ lb., $2.40	.15	.75
Helichrysum Monstrosum Fl. Pl. (Strawflower). Canary Yellow, Golden Ball, Salmon Queen, Rose Queen, Silvery Pink, Fireball, Silver Ball, Violet Queen			
Each of the above	¼ oz., 40c	.20	1.40
Vaughan's Special Mixture	¼ oz., 40c	.20	1.40
Tom Thumb Mixed. Dwarf sorts	¼ oz., 50c	.25	1.80
Heliotrope. Will bloom from seed in four months. Mammoth Flowered. Mixed	⅛ oz., 65c; ¼ oz., $1.20	.35	....
Regale Dwarf Mixed. A fine mixture of dwarf sorts.	⅛ oz., $1.00	.35	....

Honesty. See Lunaria Biennis—Perennial Pages.

Hunnemannia. Fumariaefolia (Bush Escholtzia).

Does well in greenhouse; grow cool, 18 in.		.15	.60
Sunlite. Double bright canary-colored flowers. Gray-green foliage. 2 ft.	¼ oz., 40c	.25	1.20

Ice Plant. See Mesembryanthemum.

KALANCHOE Brilliant Star

IPOMOEA Clark's Early Flowering Heavenly Blue

Impatiens

	Trade pkt.	Oz.
The Impatiens will make splendid pot plants for Christmas and are useful for bedding and porch boxes, northern exposure in summer.		
Sultani Hybrida Nana Dwarf Mixed. Especially fine for pots, growing only 6 in. tall. Flowers continuously in many shades..1000 seeds, 90c; 500 seeds	$0.50	....
Sultani Bright Rose. 1½ ft., 1000 seeds, 90c; 500 seeds	.50	....
Holstii. Bright vermillion. Beautiful for summer bedding. 1½ ft.....1000 seeds, 90c; 500 seeds	.50	....
Holstii. New Hybrids, extra choice. Charming mixture of many colors.....1000 seeds, 90c; 500 seeds,	.50	....

Kale Flowering. Although belonging to the Cabbage or Kale family, this Flowering Kale is entirely different as to its appearance. In young stage its leaves are green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors begin to appear and paint whole plant self colors or mixed colors.....⅛ oz. $1.00; trade pkt., 50c

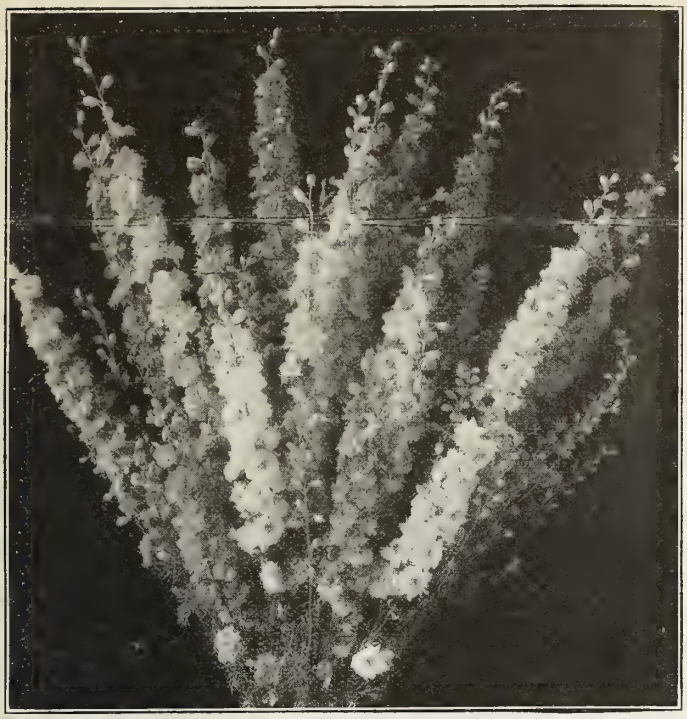
	Trade pkt.	Oz.
Kalanchoe Globulifera., Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant.....3,000 seeds, $1.10; 1,500 seeds	$0.60	....
Brilliant Star. This new hybrid Kalanchoe is an excellent addition to the pot plant list. Flowers measure three times the size of the ordinary varieties and are a rich fiery red. Foliage is dark green and of compact growth. The flower heads are carried on stems about 6 inches long, making this novelty ideal for pots or cutting material.....(about 800 seeds)	1.50	....
Hybrida "Flame". In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes.....500 seeds	1.00	....
Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant.....1/64 oz., $5.00; 1,000 seeds, $1.25	....	....

Ipomoea

Single Best Fringed Mixed.....	.20	$0.80
Columbia. The vines grow about 10 ft. and produce many 3 in. trumpets of blue, edged bluish white with a reddish star.....¼ oz., 45c	.20	1.40
Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, ...¼ oz., 45c.	.25	1.40

IPOMOEA—Continued	Trade pkt.	Oz.
Noctiflora (Moonflower). White seeded.....	$0.15	$0.50
Clarke's Early-Flowering Heavenly-Blue. The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks).....¼ lb., $2.00	.20	.65
Improved Early-Flowering Heavenly Blue. More intense blue.....	.20	.80
Pearly Gates. A big satiny white, with a creamy shading in the throat. Reaches 12 feet, with luxurious foliage.....¼ oz., 45c	.35	1.40
Rose Marie. Double rose flowers.....¼ oz., 25c	.15	.80
Scarlett O'Hara. Flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.....¼ oz., 35c	.20	1.00
Setosa (Brazilian Morning Glory). Red.....	.15	.50

Jacaranda Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants. 100 seeds, 50c; 1,000 seeds, $3.50.	....	....
Kochia Childsii (Summer Cypress).....	.10	.25
Lantana Dwarf. Hybrida. Mixed. Sow early and give bottom heat.....¼ oz., 55c	.25	1.80
Hybrida Tall Mixed.....¼ oz., 50c	.25	1.80
Lathyrus Latifolius. See Perennial Pages.		
Lavatera Alba Splendens. Pure white. 30 in. ¼ oz., 30c	.15	1.00
Splendens Loveliness. (Sunset). Glowing rose-pink flowers, bronze foliage.....¼ oz., 30c	.15	1.00
Lavender Lace Flower. See Didiscus coeruleus.		
Lemon Verbena (Aloysia Citriodora). Fine pot plant. .....⅛ oz. $1.00; ¼ oz., $1.80.	.35	....
Leptosiphon. French hybrids. 10 in. Free flowering star-shaped flowers in many colors.....¼ oz., 30c	.20	1.00
Leptosyne Maritima. Yellow. 24 in.....	.15	....
Stillmanii. Golden yellow, blooms six weeks after sowing.....	.15	....
Golden Rosette. Double bright butter yellow flowers.....	.25	....
Lisianthus Russellianus (Eustoma). An excellent pot plant with rich violet blue flowers with black center and yellow stamens. Sow in heat in Spring, keep fairly moist during Summer. Blooms in four months from seed. Upright and compact free flowering habit. 1⅔ ft.....⅛ oz., $1.40	.50	....



ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

GIANT DOUBLE IMPERIAL—The Base Branching Type—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.

Blue Spire. Dark blue.

Brilliant Rose.

Carmine King.

Dazzler. Rich scarlet.

Deep Carmine King Improved. New, very distinct improvement over Carmine King; holds its color under trying conditions.

Exquisite Pink Improved. Soft pink shaded salmon.

Gloria Improved. Rich, deep rose-salmon.

Lilac Spire. Beautiful lilac color.

Los Angeles Improved. Salmony scarlet.

Miss California. Deep pink on salmon.

Montrose. Clear rose pink.

Pink Perfection. Lively light pink.

Rosalind. Salmon-rose, non-shattering.

Sweet Lavender. Light lavender blue.

White King. Glistening pure white.

Each of the above, trade pkt., 25c; ¼ oz., 40c; ½ oz., 65c; oz., $1.10; ¼ lb., $3.60; lb., $11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; ½ oz., 65c; oz., $1.10; ¼ lb., $3.60; lb., $11.00.

STOCK-FLOWERED—4 ft.

Ageratum Blue.
Dark Blue.
Lilac Supreme. Deep lilac.
Rosamond. Pure rose.
Rose Queen.
White.

Each of the above. Trade pkt., 25c; oz., 90c; ¼ lb., $3.20; lb., $9.60.

	Trade pkt.	Oz.
Vaughan's Special Mixed Stock Flowered ..... ¼ lb., $3.20; lb., $9.60	$0.25	$0.90

LARKSPUR—Continued

SUPER MAJESTIC—5 ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers—5 ft.

Deep Salmon Pink
Super Majestic Mixed
Lavender
White
Rose Pink

	Trade pkt.	Oz.
Each of the above ..... lb., $15.00; ¼ lb., $5.00; ¼ oz., 50c	$0.35	$1.50

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

	Trade pkt.	Oz.
Dark Blue ..... ¼ oz., 50c	$0.30	$1.80
Lilac ..... ¼ oz., 50c	.30	1.80
Pink ..... ¼ oz., 50c	.30	1.80
Purple ..... ¼ oz., 50c	.30	1.80
White ..... ¼ oz., 50c	.30	1.80
Giant Hyacinth Fld. Improved. Mixed ..... lb., $16.00; ¼ oz., 50c	.30	1.60

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, dark foliage ..... ¼ oz., 85c	.25	3.00
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit ..... ¼ oz., 85c	.25	3.00
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue ..... ¼ oz., 85c	.25	3.00
Emperor William. Gentian-blue, light foliage. 4 in ..... ¼ oz., 85c	.25	3.00
Mrs. Clibran. Deep blue, white eye .... ¼ oz., 85c	.25	3.00
Pumila Splendens, Bedding Queen. Dark blue white eye ..... ¼ oz., 85c	.25	3.00
Alba Snowball. 4 in. ..... ¼ oz., $1.00	.35	....
Sutton's Cambridge Blue. Light blue with green foliage ..... ¼ oz., 85c	.25	3.00
Dwarf Sorts, Mixed ..... ¼ oz., 75c	.25	....
Pendula (for hanging baskets)		
Hamburgia. Sky-blue, white eye, dark foliage .... ¼ oz., $1.00	.35	.....
Sapphire. Large deep navy-blue with white eye ..... ¼ oz., $1.00	.35	....
Tenuior ramosa nana compacta blue. Fine Gentian blue. 10 to 12 in. ..... ¼ oz., 85c	.35	....

Leucanthemum. See Chrysanthemum Maximum in Perennials.

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

Nitrogen for inoculating Lupin seed. Garden size, pkt., 10c.

	Trade pkt.	Oz.
Hartwegii. Dark blue, Oxford-blue. 24 in.	$0.15	$0 80
Light blue. Cambridge-blue	.15	.80
Rose	.15	.80
White	.15	.80
Rose Queen. Rose-pink, semi-dwarf	.15	.80
Mixed	.15	.80

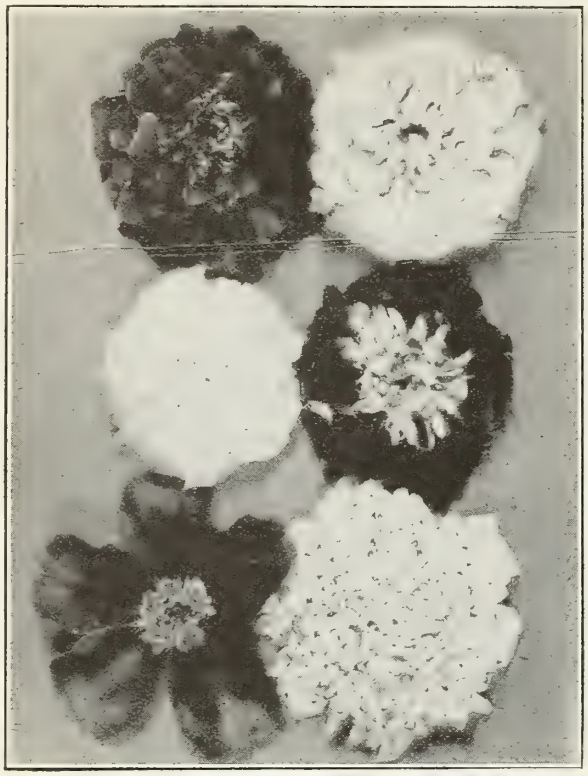
Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark blue
King Heliotrope
King Mixed
King Sky blue
King White

	Trade pkt.	Oz.
Each of the above ..... lb. $8.00	$0.20	$0.85

Lilium. See Perennial Pages.

Linaria Maroccana Excelsior, mixed. 12 in.	.15	.60
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. ¼ oz., 45c	.20	1.40



MARIGOLD,
Left to right, top row. Scarlet Glow, Melody,
Second row, Pigmy, Spry. Bottom row, Flash, Butterball.

Marigold

TALL AFRICAN DOUBLE IMBRICATED

	Trade pkt.	Oz.
Frills. A new color in the frilly carnation-like marigolds with odorless foliage. Flowers grow 3½ in. across, clear, vivid golden orange with petals beautifully frilled and waved. Plants grow about 2 ft. tall and produce their lovely flowers most profusely throughout the summer and fall. Valuable for garden decoration; the long-stemmed flowers are highly prized for cutting. . ⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.00
Guinea Gold. Orange flushed gold, producing many medium sized flowers. 2½ ft. . . . . ¼ oz., 50c	.25	1.60
Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft. . . . ¼ oz., 50c	.25	1.60
Carnation Flowered Orange Supreme. Flowers are very large, 4 to 5 in. across, perfectly double, with an attractive, peony-like appearance. The intense orange flowers are borne on long, stiff stems, making them most desirable for cutting. Plants are much branched, upright growing, 2½ to 3 ft. tall. ¼ oz., 50c	.25	1.60
Real Gold. Large carnation-type flowers up to 4½ inches across are borne on compact bushes 20 to 25 inches tall, rather late in season. Color is golden orange illumined with yellow and flowers are abundant. . . . . ¼ oz., 85c	.35	3.00

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon. . . . . ¼ oz., 50c	.25	1.60
All Double Orange. . . . . ¼ oz., 50c	.25	1.60
All Double Mixed. . . . . ¼ oz., 50c	.25	1.60
Lemon Queen, Los Angeles Florist Strain. All double. . . . . 4 oz. $5.00; ¼ oz., 50c	.25	1.60
Prince of Orange, Los Angeles Florist Strain. All double. . . . . 4 oz., $5.00; ¼ oz., 50c	.25	1.60
Vaughan's Special Mixture Tall African Double Mixed. . . . . ¼ oz., 50c	.25	1.80

OTHER VARIETIES

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across. . . . . ¼ oz., 50c	.25	1.60

MARIGOLD Other Varieties—Continued

	Trade pkt.	Oz.
Dwarf Gigantea, Pot O'Gold. 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. . . . . ¼ oz., 50c	$0.25	$1.80
Chrysanthemum Flowered Hybrids Mission Giants Mixed. A mixture of many types, in shades of orange, yellow and primrose. . . . . ¼ oz., 50c	.25	1.60
Goldsmith. The best version of the Chrysanthemum-flowered Marigold which blossoms early enough for northern gardens. Globular flower with incurved petals, borne on long base branching stems, 3 ft. tall. . . . . ¼ oz., 60c	.30	2.00
Limelight. A pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved Chrysanthemum flowered type. Early and free flowering. 1½-2½ inches in diameter. 20 in. . . . . ¼ oz., 60c	.30	2.00
Mission Giant, Yellowstone. Bright rich clear yellow counterpart to Goldsmith, with large 2½ inch flowers, on luxurious, large plants. Flowers are of double, incurved, Chrysanthemum-like form. Uniformly 3 to 5 feet tall. . . . . ¼ oz., 60c	.35	2.00
Mammoth Mum 30 in. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3½ in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold. . . . . ¼ oz., 80c	.35	2.80
Early Sunshine. 2½ inches across and 1½ inches deep and they are extremely early. Bright lemon-yellow flowers. Ideal for cutting. . . . . ¼ oz., 60c	.30	2.00
Vaughan's Marigold Treasure Chest. 2½ to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Colors run from the deepest orange to lightest primrose. Flowers are of many shapes, but mostly of the Carnation and Peony-flowered forms. They are large, many 5 in. across, with the average somewhat over 4 in. Some begin to bloom early, some midseason and others late. . . . . ¼ oz., 50c	.25	1.80
Collarette Crown of Gold, Orange. 2½-inch flowers, crested center, broad guard petals, odorless foliage. . . . . ¼ oz., 40c	.20	1.20
Sunset Giants. Huge flowers with a color range through orange-yellow and primrose. . . ¼ oz., 50c	.25	1.80

DOUBLE DWARF FRENCH, 1 ft.

All Double Royal Scot Striped. . . . . ¼ oz., 50c	.25	1.60
Golden Ball. Golden orange shade. . . . . ¼ oz., 25c	.15	.90
Primrose. Quite a low growing type about the same height and possibly a little lower than Melody. The flowers are proportionately large, and of a sulphur yellow shade. They are excellent for doubleness and very profuse flowering. . . . . ¼ oz., 50c	.25	1.80

SINGLE DWARF FRENCH, 1 ft.

Flash. Bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers grow 1¾ in. and more across; the plants, 18 in. tall. . . . . ¼ oz., 60c	.35	1.80
Legion of Honor (Little Brownie). Yellow and brown	.20	.80
Naughty Marietta. All America Honorable Mention 1947. Golden yellow flowers with a mahogany base, 2 to 2½ in. across. Dwarf single French showy plants about 12 in. tall and 16 in. wide, completely covered with bloom. . . . . ⅛ oz., 50c; ¼ oz., 85c.	.35	2.50
Red Head. All America 1948 Bronze Medal. Large single-crested flowers 2 in. across, with broad, overlapping, gracefully recurved petals—opening rich mahogany, changing to auburn and later to bronzy gold. The crested center is made up of tiny erect golden petals edged with maroon. Compact, dwarf plants about 1 ft. high and 1½ ft. across, completely covered with flowers. . . . . ⅛ oz., 60c; ¼ oz., $1.00	.35	3.00

MARIGOLD Harmony Type

MARIGOLD—Continued

HARMONY TYPE

Three heights of the same color of Marigolds Harmony Type.

	Trade pkt.	Oz.
Harmony. Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting..¼ oz., 30c	$0.15	$1.00
Spry. Very light orange crested center and maroon outer petals. 9 in. 4 oz., $5.50 ¼ oz., 50c	.25	1.80
Extra Dwarf Harmony. 6 in. Same color as Spry but dwarfer habit ¼ oz., 50c	.25	1.80

DOUBLE DWARF FRENCH

The dwarf varieties which are starred are especially valuable for early spring as combination plants. Trade pkt. Oz.

All dwarf Marigolds which grow quite uniform in flats can be easily sold in spring for bedding or border plants. Florists near cemeteries find ready sales for these.

	Trade pkt.	Oz.
Dwarf Coronet Improved. Small scabiosa like flowers golden yellow in center and deep mahogany red collar. Plants compact, free and early blooming. 9 in. ¼ oz., 50c	$0.25	$1.80
Double, Butterball. Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Bright and luminous bedding or edging variety. Rich, dense foliage, well covered with small 1¼-inch blooms. This makes a nice pot plant ¼ oz., 50c	.25	1.80
Melody. Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer ¼ oz., 50c	.25	1.60
Sunkist. Many attractive orange colored flowers are 1½ inches across. Grand for bedding, edging and pot-culture. 6 to 12 in. ¼ oz., 50c	.25	1.80
Scarlet Glow. A distinct bright bronzy red color; 1¾ to 2 inches across. Some flowers show russet and gold, but as a whole it is probably the largest and brightest red double French sort. Compact bushy growth of about 12 inches ¼ oz., 50c	.25	1.60
Harmony Hybrids. Crested or Anemone type flowers in a good color range for bedding plants. Grow 12 to 14 inches high, flowers medium size. ¼ oz., 30c; ¼ lb., $3.00	.15	1.00
Vaughan's Special Mixture of Newer Varieties of Dwarf French including Spry, Butterball, Sunkist, etc. ¼ oz., 50c	.25	1.80

MARIGOLD Harmony—Continued

	Trade pkt.	Oz.
Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. For a fine paying winter cutflower, especially in a retail growers establishment Lieb's varieties are highly recommended. Seeds can be sown from August to December. Space plants ten inches apart in bench in not too rich soil in Carnation house temperature ¼ oz., 60c	$0.25	$2.00
Winter Harmony. It is of quilled scabious type. A single row of reddish brown guard petals encircling a golden orange quilled center, with mahogany brown dots on tip of each quilled petal. Flowers 2½ inches in diameter ¼ oz., 50c	.25	1.65

MEXICAN MARIGOLD
For Pots and Edging

Gnome. Absolutely uniform in growth and color. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers. ¼ oz., 50c	.25	1.60
Golden Gem. Vivid deep orange yellow, compact, free blooming ¼ oz., 50c	.25	1.80

DOUBLE DWARF AFRICAN

Tom Thumb Golden Crown. This is a dwarf form of the well-known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety ¼ oz., 50c	.25	1.60

LILLIPUT DOUBLE DWARF, 8 in.

Cupid. Another one of the odorless foliaged Marigolds. Dwarf in habit, large primrose yellow chrysanthemum-like flowers completely cover the plant. Marvelous for edging or border. The flowers are 2 to 2½ in. across and the plants are only 6 inches tall. ⅛ oz., 65c; ¼ oz., $1.10	.35	3.80
Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1¼-in. blooms, rather free and exciting for edging beds ¼ oz., 50c	.25	1.60

MARIGOLD WITH ODORLESS FOLIAGE

Burpee Gold—Carnation Flowered.
Crown of Gold—Collarette. Yellow Supreme.
Lilliput Cupid. Frills

	Trade pkt.	Oz.
Marvel of Peru. (Four O'clocks.) Mixed...lb., $3.00	...	$0 25
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades imaginable. Need full sun and lots of water ⅛ oz., 65c; ¼ oz., $1.20	$0.35	....
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in.	.25	....
Microsperma, Golden Tassel. Light green foliage like that of a Chinese Primula. The upright-growing bright chrome yellow flowers, consisting of a graceful five-lobed trumpet-shaped corolla 2 inches across, are adorned with a multitude of similarly colored stamens. 9 in.	.50	....
Mignonette. True Machet. Vaughan's Selected Stock ¼ oz., 40c	.20	1.40
Goliath. Red, fine ¼ oz., 30c	.15	1.00
Golden Goliath. Immense golden yellow spikes ¼ oz., 30c	.15	1.00
New York Market. For greenhouse culture ¼ oz., $1.50	.75	....
Mimosa Pudica. (Sensitive Plant) ¼ oz., 55c	.25	1.80
Mimulus Moschatus (Musk Plant)	.35	....
Tigrinus. Large-Flowering. Single, mixed	.35	....
Nemesia Strumosa Suttoni. Mixed ¼ oz., $1.00	.25	....
Nana Compacta Blue Gem. Blue. 8 in. ⅛ oz., 60c	.35	....
Edelweiss (White Gem)	.35	....
Fire King. Cerise scarlet	.35	....
Orange King. Rich orange	.35	....
Triumph. Mixed ¼ oz., 90c	.35	3.20

These dwarf Nemesias are fine for pots and combinations.

Nasturtium

DOUBLE TALL FRAGRANT VARIETIES

Fire Gleam. Vivid orange scarlet.
Golden Gleam. Semi-double, yellow.
Indian Chief. Foliage dark green, vivid scarlet flowers.
Mahogany.
Orange Gleam. Orange.
Primrose.
Scarlet Gleam. Bright orange-scarlet, fragrant.
Supreme Salmon Cerise.
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.
Each of above, ¼ lb., 70c; oz., 25c; lb., $2.40.

DOUBLE DWARF FRAGRANT VARIETIES

Golden Globe. Yellow.
Globe of Fire (Scarlet Gem).
Mahogany.
Gem Mixed.
Each of above, ¼ lb., 80c; oz., 30c; lb., $2.80.

DWARF SINGLE SORTS

	Oz.	¼ lb.	Lb.
Vaughan's Special Dwarf Mixture. Contains a percentage of double flowers	$0.25	$0.55	....
Empress of India. Deep crimson, dark-leaved	.20	.80	$3.00

TALL SINGLE MIXTURE

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids,	.25	.55	....

	Trade pkt.	Oz.
Nicotiana Affinis. White, sweet-scented. 32 in.	$0.15	$1.00
Affinis Hybrids. Mixed colors. 32 in.	.15	.60
Crimson Bedder. Rich deep crimson...¼ oz., 50c	.25	1.80
Nana. Crimson Flame	.35	....
Daylight. In this new hybrid the white blooms remain fully open during even the most brilliant sunshine. When developed, the plants are of a very bushy habit, reaching a height of 1½ to 2 feet, and about the same distance across, throwing an abundance of pure white flowers with the same delightful scent in the evening as Nicotiana Affinis, and makes an ideal subject for bedding purposes...1/16 oz., 80c	.35	....
Sanderae. Crimson King. 30 in.	.20	80
Hybrids. Mixed. 30 in.	.20	80
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant...1/16 oz., 80c	.35	....
Nierembergia Hippomanica. Coerulea. Forms a cushion of light green foliage covered with flowers of a delicate lavender hue, 1 to 1¼ inches across; clear yellow eye. Outstanding pot and bedding item, 9 in...1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color....1/16 oz., $3.00; 1/32 oz., $1.65	.50	....
Nigella Damascena, Miss Jekyll. Dark blue. 18 in...	.25	....
Nolana. Blue Ensign. Native Chilean Bellflower. In pots it will grow 12 to 15 inches high; outdoors it spreads a little and throws up large ultra-marine-blue flowers on stems 5 or 6 inches high. Sow outdoors in May where the plants are to bloom. Fragrant...⅛ oz., 75c	.35	....
Passiflora. Coerulea Blue (Passion Flower). Slender but strong grower. Flowers 2½ to 3½ inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base.	.35	....
Pennisetum Rueppelianum. Ornamental grass for edging Canna beds. Long graceful purple sprays. ...¼ oz., 80c	.30	3.00

PHLOX Drummondi Gigantea

Phlox Drummondi Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.
Alba Oculata. White with eye.
Brilliant. Rose dark eye.
Carnea. Flesh.
Chamois Rose.
Cinnabar Scarlet. Brightest red.
Crimson.
Flaming Velvet. Deep velvety red.
Isabellina. Buff yellow.
Rosea.
Scarlet.
Stellata Atropurpurea. Deep reddish purple with white eye.
Stellata Rosea. Rose with white eye.
Stellata Splendens. Scarlet white eye.
Violet Blue.
Violet with white eye.
Each of above: trade pkt., 35c; ¼ oz., 75c; oz., $2.40.

		Trade pkt.	Oz.
Best large-flowering. Mixed	¼ oz., 60c	$0.25	$1.80
Vaughan's Special Mixture	¼ oz., 75c	.35	2.40
Cuspidata mixed. Starred varieties mixed	¼ oz., 60c	.25	1.80
Gigantea Art Shades	¼ oz., 90c	.40	3.00
Red Glory. This is the richest bright red, with contrasting white eye	¼ oz., 90c	.40	3.00
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name	¼ oz., 90c	.40	3.00
Salmon Glory. Pure salmon-pink with creamy white eye	¼ oz., 90c	.40	3.00

DWARF VARIETIES

Vaughan's Beauty. Mixed. This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free blooming	¼ oz., $1.00	.35	3.20
Dwarf Mixed	¼ oz., 80c	.35	2.80

Apricot.
Crimson.
Chamois Rose.
Coerulea Oculata. Blue white eye.
Isabellina. Buff yellow.
Snowball. White.
Violet blue.
Violet blue with white eye.

Each of above	¼ oz., 90c	.40	3.20
Fireball scarlet	¼ oz., 90c	.40	....
Mirabilis, Begonia rose white eye	¼ oz., 90c	.40	....

PANSY VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

PANSIES

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 60c; ⅛ oz., $1.30; ¼ oz., $2.25; oz., $8.00; 4 oz., $30.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.40; oz., $8.00.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades.
Swiss Berna. Dark violet-blue.
Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.
Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.
Swiss Pure White. The best pure white pansy.
Swiss Rhinegold. Canary-yellow with dark blotches.
Each of the above: Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.00; oz., $10.00.
Swiss Giant Orange. A perfectly round flower with overlapping petals of good substance. Color is a vivid orange, the upper petals carrying a halo of golden yellow. The lower petal is a deep orange. Trade pkt., $1.00.
Swiss Raspberry Rose. An entirely new color in the Swiss giant strain. A lovely tint of pink best described as Raspberry Rose. It has a suggestion of a lighter tone on the edges of the petal and is marked with a velvety blotch in a deeper tone. See outside back cover for illustration in color. Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; ⅛ oz., $1.60; ¼ oz., $2.75; oz., $9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.

VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Midwinter blooming and give support early. ½ Trade pkt., 60c. Trade pkt., $1.00; ⅛ oz., $2.50; ¼ oz., $4.80.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; ¼ oz., $2.50; oz., $8.00; ¼ lb., $30.00.

Delft Blue. Porcelain-blue. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.00; oz., $10.00.
Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00.
America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.40; oz., $9.00.
Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.
Giant Spring Beauty. It is a large flowering, very long stemmed, extra early blooming, upright strain. It would make an excellent variety to push for an early spring garden Pansy for cutting. Under good conditions it will have stems from 7 to 9 inches long. It is not the same as the regular Winter Flowering Pansy. The plants are heavier with broader leaves, more compact and both the stems and the flowers are heavier. The color is largely in blue and yellow, ideal for spring. The flowers are also much larger than the regular Winter Flowering type and of heavier texture. Trade pkt., $1.00.
Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 75c 1/16 oz., $1.40; ⅛ oz., $2.25; ¼ oz., $4.00; oz., $14.00.
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.
Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, $1.00; 3 $1.00 packets for $2.00; ½ oz., $6.00; oz., $12.00.
Steele's Butterfly Hybrids. The flowers, after years of selection, are a ruffled and frilled type. The colors are exquisitely beautiful pastel shades including flesh-pinks overlaid with bronze, clear, strong orchids, pinks as bright as daisies, deep rose, and yellows so deep they look almost orange. The markings, too, are different. Upper petals show a vivid sunburst while lower petals are blotched with metallic sheens of color like the wings of butterflies. Seed from originator. Trade pkt., $1.00; 1/16 oz., $3.00; ⅛ oz., $5.00;

GIANT SEPARATE SORTS

Adonis. Light blue, white center.
Beaconsfield. Deep purple, upper petals white.
Black. Large flowered, true black.
Bright Blue.
Purple. Very large, rich deep purple.
Pure Yellow.
St. Knud. Golden orange.
White with Purple Eye. Very large.
Each of the above.....Trade pkt., 35c; ⅛ oz., 80c; ¼ oz., $1.50

Early Flowering or Ice Pansies.
Flowers three weeks earlier than others, affording an excellent companion for early spring flowering bulbs.
Blue Boy. Lavender.
Helios. Pure yellow.
Winter Sun. Golden yellow with black eye.
Each of the above. Trade pkt., 35c; ¼ oz., $1.20; oz., $4.40.

Petunias—Complete List for Bedding and Pots

PETUNIA FLUFFY RUFFLES

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

In this remarkable strain, flowers of the largest size are borne on plants of dwarf habit, a combination which is ideal for pot culture and bedding. Flowering begins early, when the plants are very small, so that salable plants are quickly produced. Plants sell on sight. They are bushy, grow about 12 in. high and produce their immense open faced, deeply ruffled flowers freely. Some are self colors veined in a contrasting shade, some combine two or more colors in the same flower in a wonderful color harmony. The dark rich colors predominate.

½ Trade pkt., 75c; Trade pkt., $1.25; 1/64 oz., $2.50; 1/32 oz., $4.50; 1/16 oz., $8.00.

Dwarf California Giants. Dark Selection. A favorite with many growers and it has given universal satisfaction.

½ Trade pkt., 60c; Trade pkt., $1.00; 1/64 oz., $1.75; 1/32 oz., $3.20; 1/8 oz., $11.00; oz., $64.00.

Dwarf Giants of California Ramona Strain, dark and light shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

½ Trade pkt., 60c; Trade pkt. $1.00; 1/64 oz., $1.40; 1/32 oz., $2.60.

Extra Dwarf Giants of California. This new strain has been bred to fill the need for a truly dwarf pot Petunia. It is by far the best strain for this purpose in existence today. The color range has also been greatly improved and brightened. 1000 seeds, $1.50. 1/64 oz., $3.50; 1/32 oz., $6.50; 1/16 oz., $12.00.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

	Trade pkt.	Oz.
Copper-Red. Dark-throated. 1/64 oz., $1.40; 1/32 oz., $2.80	$0.75	
★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., $1.40; 1/32 oz., $2.70; 1/16 oz., $4.75	.75	....
Glamour. The blooms are deeply ruffled and a rich salmon-rose, with soft tan veining on a creamy buff background deep in the wide-open throat. Giants of California type.....1/32 oz., $3.50; 1/64 oz., $1.75	.75	....

RUFFLED GIANTS—Continued

	Trade pkt.	Oz.
Giant Ruffled, Pink Shades. The colors in this pink mixture ranges from deep rose pink to a light apple blossom and from a coppery rose to a light salmon, also pink and white variegated. Size of flowers varies from four to five and a half inches in diameter and are very nicely ruffled.....1/64 oz., $1.50	$0.75	....
Irene. Dark carmine red, with white center, center slightly veined. Flowers four and a half to five inches in diameter.....1/64 oz., $1.40	.75	....
Prince of Wuerttemburg. Rich dark red with dark throat.....1/64 oz., $1.40; 1/32 oz., $2.70	.75	....
Princess of Wuerttemburg. Pink veined purple..... .....1/64 oz., $1.40; 1/32 oz., $2.70	.75	....
Salmon Beauty (Marylyn). A unique color, rich salmon.....1/64 oz., $1.50	.75	....
Supreme Florist strain of Giants of California. Of rose and pink shades. A strain with large ruffled, shallow, open throated flowers freely produced on strong growing plants..... .....1/64 oz., $1.50; 1/32 oz., $2.75; 1/16 oz., $5.00	.75	....
Ruffled Monsters in mixture..... .....1/64 oz., $1.20; 1/32 oz., $2.00; 1/16 oz., $3.60	.50	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias.....1/64 oz., $1.50	.50	....
Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers.....1/32 oz., $2.75; 1/64 oz., $1.50	.50	....
Fringed Snowstorm. The flowers are pure glistening white, of good substance, with a slight tinge of yellow in the throat which adds to the attractiveness of the blossom. The blooms are 2½ to 3 inches in diameter and deeply fringed. The habit is dwarf and spreading; breaks nicely to produce a compact plant, making it ideal for pots and bedding. 1/64 oz., $1.50.	1.00	....
Royal Beauty (Marine). The most beautiful of all blue purple Petunias....1/64 oz., $1.50; 1/32 oz., $2.75	.50	....
Royalty. The immense ruffled and waved blossoms vary from pure white touched with purple through varying combinations of purple and white to rich self colored blooms. Often blossoms of all these combinations appear on one plant..... .....1/32 oz., $2.75; 1/64 oz., $1.50	.50	....
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower.....1/64 oz., $1.50	.50	....
Fluffy Ruffles. In our opinion, the very best strain available, fin fringed and ruffled; mixed colors, about 75% ruffled.....1/32 oz., $1.40; 1/16 oz., $2.50	$0.50	....
Large Flowering Ruffled Little Giants. Mixed. A very brilliant and merry mixture of large flowering fringed and ruffled flowers which cover the dwarf erect growing plants. The flowers are pure pink, pink and white, pure red, and red and white. Fine for beds or borders and wonderful for pots. 8 to 10 inches. See front cover for illustration in color..... .....1/64 oz., $1.40; 1/32 oz., $2.50; 1/16 oz., $4.50	.75	....
Theodosia. Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes.....1/32 oz., $2.50; 1/64 oz., $1.40;	.50	....
White Beauty. White fringed, 1/32 oz., $2.75..... 1/64 oz., $1.50.....	.50	....
White Mound. A perfect mound of fringed white blossoms. An excellent plant for cemetery planting.....1/64 oz., $1.75; 1/32 oz., $3.00	.75	....

Petunias—Continued

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across) Trade pkt. Oz.

Blue Beauty. A new large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering.....1/64 oz., $1.40 $0.50 ....

Burgundy. Large-flowered, 3½-inch blooms, shades of purple or carmine with white throat and tube with violet veins.....1/64 oz., $1.00 .50 ....

Dazzler. A new exceedingly brilliant large flowering low growing dazzling scarlet shows minor variation from seed.....1/64 oz., $1.00 .50 ....

Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected".....1/64 oz., $1.40; 1/32 oz., $2.50; 1/16 oz., $4.50 .50 ....

Dwarf Pink Glory. Compact habit, pure flame rose-pink.....1/32 oz., $2.00 .50 ....

Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true.....1/64 oz., $1.40 .50 ....

White Cloud. 12 in. A great favorite on account of its dwarf compact habit.....1/64 oz., $1.00; 1/32 oz., $1.75; 1/16 oz., $3.25 .50 ....

Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous.....1/16 oz., $5.25; 1/32 oz., $3.00; 1/64 oz., $1.75 .75 ....

LARGE-FLOWERING DWARF (Erfurt strain)

Lace Veil. 12 in. Large pure white flowers with fringed petals many waved.....1/64 oz., $1.50 Trade pkt. $0.50 Oz. ....

Setting Sun. 12 in. Compact bushes, brilliant rose-pink fringed flowers, the very best of its color.....1/64 oz., $1.50; 1/32 oz., $2.75 .50 ....

Violet Blue. Extra dwarf..1/64 oz., $1.50; 1/32 oz., $2.75 .50 ....

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100% true....1/8 oz., $1.00; 1/4 oz., $1.75 Trade pkt. $0.35 Oz. ....

Blue. Velvety violet blue..1/8 oz., 90c; 1/4 oz., $1.65 .35 ....

Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue.....1/8 oz..90c; 1/4 oz., $1.65 .35 ....

Red.....1/8 oz., 75c; 1/4 oz., $1.35 .35 ....

Rose.....1/8 oz., 75c; 1/4 oz., $1.35 .35 ....

Rosy Morn. Rose with white throat....1/8 oz., 75c .35 ....

Star of California. Violet shaded crimson, white blotches .....1/8 oz., 75c; 1/4 oz., $1.35 .35 ....

White.....1/8 oz., 75c; 1/4 oz., $1.35 .35 ....

Balcony Mixed, the above. 1/8 oz., 75c; 1/4 oz., $1.35 .35 ....

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/64 oz., $1.00; 1/32 oz., $1.80; 1/16 oz., $3.20.

SINGLE SMALL-FLOWERED SORTS

Trade pkt. Oz.

Blue King. Bright violet blue.....1/4 oz., 50c $0.25 $1.80

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower.....1/8 oz., $1.00 .35 ....

General Dodds. Velvety red.....1/4 oz., 50c .25 1.80

Hollywood Star. Five pointed star, rose-pink, creamy eye.....1/8 oz., 50c; 1/4 oz., 90c .35 ....

Howard's Star. Improved; reselected. Dark velvety purple, blotched white.....1/8 oz., 50c; 1/4 oz., 90c .35 ....

Inimitable blotched and striped.....1/4 oz., 50c .25 1.80

Norma. Violet blue with white star ....1/4 oz., $1.25 .35 ....

Radiance. A cerise-rose with underlying salmon. The throat is golden yellow below where the bloom starts to flare.....1/4 oz. ,90c .35 3.20

Topaz Rose. Fiery rose suffused gold, throat topaz.....1/4 oz., 90c .35 3.20

White King. Snowy clear white.....1/4 oz., 60c .25 2.00

De Luxe Bedding Mixture.....1/4 oz., 60c .25 2.20

SINGLE SMALL-FLOWERED DWARF SORTS

Trade pkt. Oz.

Admiral. Extra reselected. This is the best dwarf clear blue Petunia, of good size, and even compact growth.....1/64 oz., $1.60; 1/32 oz., $3.00; 1/16 oz., $5.50; 1/4 oz., $20.00 $0.75 ....

Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered.....1/8 oz., 70c; 1/4 oz., $1.30 .35 $4.50

Blue Bird. Deep violet, extra fine.....1/4 oz., 80c .25 2.80

Bright Eyes. Covered with small 1½ in. flowers of soft pink with white throat...1/8 oz., $1.00; 1/4 oz., $1.75 .35 6.00

Cheerful. The clear salmon pink flowers have a deeper rose veining toward the throat. Growth is densely compact and the plants are studded from early summer until frost with flowers 2½ in. across.....1/16 oz., 90c; 1/8 oz., $1.60; 1/4 oz., $3.00 .50 ....

Celestial Rose Improved. Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item.....1/8 oz., $1.00; 1/4 oz., $1.75 .50 6.00

Cream Star. Flowers grow 2¼ in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow.....1/8 oz., $1.10; 1/4 oz., $2.00 .50 ....

Elk's Star. See novelty pages.....1/16 oz., 90c; 1/8 oz., $1.60 .50 ....

English Violet. It is almost the same beautiful color as English Violets. All the flowers on a plant are the same shade and hold this uniform color from the time they first open until the last bloom. 15 to 18 inches tall.....1/8 oz., $1.10; 1/4 oz., $2.00 .50 ....

First Lady. A color of light pink. The individual flower measures over 2½ inches across; very free flowering. Strong sun cannot burn the beautiful color.....1/16 oz., $1.25; 1/8 oz., $2.00; 1/4 oz.; $3.75 .35 ....

Glow. The richest red small flowering petunia, a dwarf bushy plant which is covered with 2½ inch flowers of dazzling carmine red.....1/16 oz., $1.25; 1/8 oz., $2.00 .35 ....

Heavenly Blue. Reselected. Beautiful silvery lilac.....1/8 oz., 90c; 1/4 oz., $1.50 .35 5.00

Igloo. The small, 1½ inch, creamy white single flowers with yellowish throats cover the plants in a sheet of bloom 12 to 15 in.....1/8 oz., $1.10 .50 ....

King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering.....1/32 oz., $1.30; 1/16 oz., $2.50; 1/8 oz., $4.50 .50 ....

Martha Washington. Flowers frilled and ruffled, 3 in. in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in..... .50 ....

Miniature. 10 in. A new strain of dwarf compact miniature sorts.

Minature Rose Gem. Deep rich rose.... 1/8 oz., 90c .35 ....

Miniature Violet Gem. Rich violet blue...1/8 oz., 90c .35 ....

Peach Red. Deep salmon with light reddish suffusion.....1/16 oz., 75c; 1/8 oz., $1.25 .35 ....

Rose of Heaven Select. A brilliant rose-pink.....1/8 oz., 75c; 1/4 oz., $1.40 .50 5.00

Rosy Morn. Select. Pink with white throat.....1/4 oz., 75c .35 2.80

Rose Queen Improved. Intense rose.....1/8 oz., $1.00 .50 ....

Ruby Red, Ruby.....1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00 .50 ....

Salmon Supreme. Distinct new light salmon color. Flowers about 1½ in. across with white throat and plain petals.....1/16 oz., $1.20; 1/8 oz., $2.00 .50 ....

Snow Queen. Compact in growth with abundance of snow-white flowers.....1/4 oz., $1.00 .35 3.60

Sutton's Blue Bedder. Midblue.....1/4 oz., $1.00 35 3.60

Topaz Queen. Deep scarlet rose, free flowering.....1/8 oz., $1.00; 1/4 oz., $1.75 .35 ...

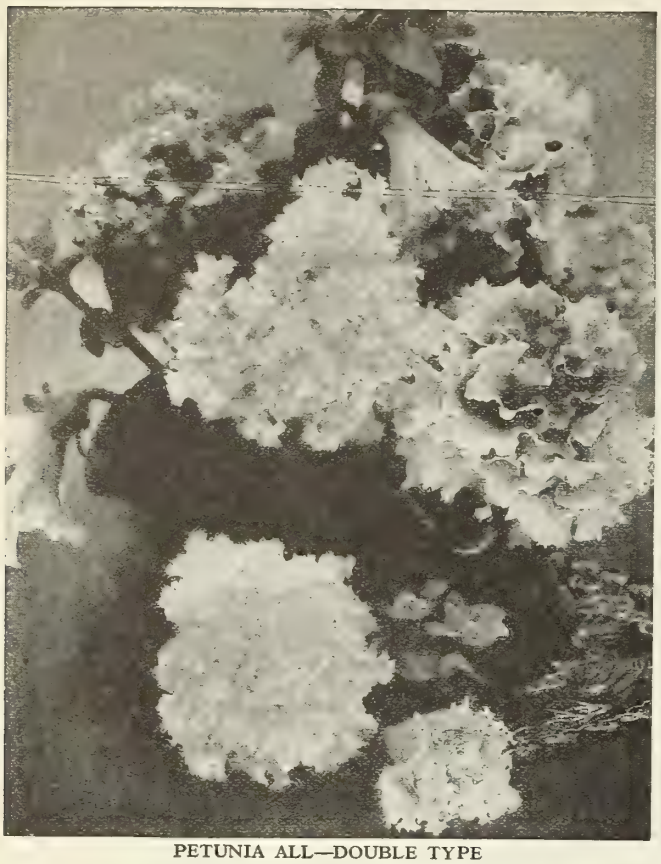
Twinkles. Masses of small, brilliant rose flowers with well-defined pure white star.....1/4 oz., 70c .25 2 40

White Perfection. They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across.....1/8 oz., 65c; 1/4 oz., $1.20 .35 4.00

Vaughan's Special Dwarf Mixture. Small flowering sorts.....1/4 oz., 75c .35 2.80

Starred Mixture of Dwarf Hybrida Varieties. This includes all varieties in which a star of a contrasting color appears in the flower.....1/4 oz., $1.25 .35 3.75

The white Petunias offer a pleasing contrast to the more highly colored sorts.



PETUNIA ALL—DOUBLE TYPE

Double Petunias

We are glad to offer this year a wider selection of seed of these ever-popular florists' plants.

DOUBLE LARGE-FLOWERING

PAN-AMERICAN STRAIN

	Trade pkt.	Oz.
Allegro. Large double fringed deep salmon flowers. A beautiful new color in this class that will appeal to many customers.		
Caprice. Double deep fringed bright rose flowers on dwarf-growing plants. A very attractive color that will sell on sight.		
Each of the above: 500 seeds, $2.50; 1000 seeds, $4.00.		
Nocturne. A deep midnight-purple of Elk's Pride purple. Flowers somewhat semidouble. **Only 500 seeds, $2.50.**		
Sonata. Large, double, pure white flowers. Fine for Mothers' day. Recommend pinching plants to induce branching. **Only 500 seeds, $2.50.**		
Glorious Mixture. Contains tall and dwarf types in all of the above colors. This formula mixture is first class in every respect. 500 seeds, $2.00; 1000 seeds, $3.50.		
Colossal Shades of Rose. Winner of All America Award for 1946. The first Giant All-Double Petunia produced in America. These giant double blooms are up to 5 inches or more across on vigorous compact plants, and are especially valuable for pot plants. This blend of colors comes in rich rose shades from salmon-pink through rosy-pink to deep rosy-mauve. Start seed early, grow cool near the glass and give plenty of room. These will make fine 4 to 5-inch pot plants for Easter, Mothers' day and spring combinations. Net price	$3.00	....

DOUBLE SMALL-FLOWERING

All-Double America. America is the all double type, of medium size, 100 percent carnation-flowered, and rose-pink in color. It supersedes the Double Rosy Morn with same color and growth. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true. 1/64 oz., $7.50: 1/32 oz., $13.60; 500 seeds, $1.50; 1000 seeds	2.50	...

Pentstemon

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.

	Trade pkt.	Oz.
Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. ¼ oz., $1.20	$0.35	$4.00

See also Perennial Pages.

Perilla Frutescens Crispa. Big jaggedly fringed leaves in burnished purple-bronze, metallic in luster. Little blue flowers. A strikingly decorative foliage annual of easiest culture. ¼ oz., 60c	.25	2.00
Nankinensis. Valuable foliage plant resembling Coleus; dark mulberry-colored leaves, does well in cities, smoke and gas do not affect it. ¼ oz., 60c	.25	2.00
Plumbago Capensis. Spikes of rich pale blue flowers 100 seeds, 75c	....	....
Phacelia Campanularia. Gentian-blue, white anthers. 6 in.	.20	.80
Pheasant's Eye Pink. See Dianthus Plumarius in Perennial Pages.		

Poppy—Papaver

	Trade pkt.	Oz
American Legion. Orange-scarlet flowers; are remarkable keepers	$0.20	$0.80
Rhoeas Shirley. Wild Rose Shirley	.15	1.00
Sweet Briar. A delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double begonia	.15	.60
Vaughan's Special Mixture of Shirley varieties ½ oz., 45c	.20	.80
For Oriental and Nudicaule Poppies, see Perennial Pages.		

Portulaca—Moss Rose

Single large-flowering sorts, mixed ¼ oz., 70c	.20	2.40
Single Jewel. No one who has in mind the usual portulaca flower can imagine the beauty of this new variety, which is four times as large, and of a brilliant deep crimson coloring. ⅛ oz., $1.00	.50	....
Double sorts, finest mixed ¼ oz., $1.00	.30	3.50
Scarlet Glow ¼ oz., 90c	.35	3.40

Pyrethrum Parthenifolium Aureum (Golden Feather) ¼ oz., 50c	.20	1 60

Ricinus—Castor Beans

	Trade pkt.	Oz.
Cambodgensis. Darkest maroon leaves, stalk nearly black, 4 ft.	....	$0.35
Crimson Spire. Large purplish leaves changing to bronzy green. The stems, stalks and veins are rich red. The seed spikes and seed pods are brilliant rosy crimson. Most showy of all. 6 ft.	....	.35
Gibsoni. Mulberry colored foliage	....	.35
Mixed. Many kinds	....	.25
Zanzibarensis Mixed	....	.25

Rudbeckia Kelvedon Star. The flowers have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange ¼ oz., 60c	$0.25	2.00
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers, dark zone. ¼ oz., 40c	.25	1.40
Starlight. Large-flowered, semi-double. Coloring is from primrose yellow to mahogany and bicolors with mahogany centers ¼ oz., 90c	.35	3.20

See also Perennials.

Choice Primulas for Florists

PRIMULA Obconica Grandiflora Fasbender Red

Primula Obconica

GIGANTEA WYASTON WONDER HYBRIDS.

These have huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant.

		Trade pkt
Blood Red	1/32 oz., $4.25; 1/64 oz., $2.25	$1.25
Crimson	1/32 oz., $5.50; 1/64 oz., $3.00	1.25
Giant Rose	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Orchid Lavender	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Salmon Pink	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Scarlet	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Grandiflora Avalanche. White	1/32 oz., $4.25; 1/64 oz., 2.25	1.25
Appleblossom. Pink	1/64 oz. 2.25	1.25
Better Days. Deep carmine-red. Very large-flowering. The compact, well branched growth is very symmetrical and the mass of flower heads shows evenly above the dark green foliage, on strong stems	1/64 oz., $2.25	1.25
Dark Blood Red	1/64 oz., $2.25; 1/32 oz., $4.25	1.25
Sky-Blue (Konigsee). Extra-large flowers	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Fasbender Red. Flowers rich deep red of enormous size. Outstanding variety	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Lachsrosa. A beautiful salmon-rose	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Mohnstein's Dark Red	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Mueller's (Berlin) Rose	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Perle van Niederrhein. Strong growing, large flowered and free blooming scarlet red	1/32 oz., $4.25; 1/64 oz., $2.25	1.25
Mixed, many colors	1/32 oz., $4.25; 1/64 oz., $2.25	1.25

Primula Chinese Giant

Chiswick Red Improved. Red	200 seeds	.80
Covent Garden White	250 Seeds, $1.60; 100 seeds	.75
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting	200 seeds	1.25
Giant Pink. Extremely large petals of great substance. Improved strain of Queen Mary	200 seeds	.80
Giant Salmon	100 seeds	.80
True Blue	100 seeds	.80
Vaughan's Special Mixture	150 seeds	.80
Giant Mixed. Includes this year a number of new shades	100 seeds	1.00

PRIMULA Malacoides Erikssoni Riverside Red Rose

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Star Mixed. 200 seeds, 80c.

Primula Malacoides (Baby Primrose)

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in June will flower for Christmas and September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Brilliancy. The flower opens lavender but changes to a brilliant red in one or two days in a sunny greenhouse. A very attractive and unusual combination.

Glory of Riverside Improved. True rose-pink, a strong grower and without a doubt, the most valuable variety for all purposes.

Lilac Beauty. The color is a pure soft lilac, absolutely fixed. This is another fine color for making up artistic combinations.

Mrs. Eriksson of Riverside. A glowing rose-red, a very strong grower with heavy flower stems and stiff foliage; large flowers in heavy clusters of medium height. It is the most outstanding new variety.

New Giant. Large flowered late blooming salmon rose.

Riverside Red Rose. Deep rose pink.

White Giant. An exceptionally strong grower and well adapted to combinations.

Formula Special Mixed. A real choice selection of the above varieties.

Each of above, trade pkt., $1.00; 1/64 oz., $2.75; 1/32 oz., $5.00.

Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in., trade pkt. 50c.

PRIMULA—Continued

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), $1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are ⅞ to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), $1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet (about 1,000 seeds), $1.00.

Mixture. A mixture of giant varieties. Trade Packet (about 1,000 seeds), $1.00.

Malacoides Various Sorts

		Trade pkt.
Dawkins Carmine Pink	1000 seeds	$1.25
Princess Mary. Deep rose pink	1/64 oz., $2.25; 1000 seeds	1.25
Salmon Rose	1/64 oz., $2.00; 1000 seeds	1.00

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

		Trade pkt.	Oz.
America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes	¼ oz., $1.35	$0.50	$4.50
Blaze of Fire. Orange scarlet. The earliest of all, dwarf early flowering	¼ oz., $2.00	.75	6.50
Harbinger. 16 in. Very early, scarlet	¼ oz., $1.40	.50	5.00
Clara Bedman (Bonfire). Erect habit—the old standby	¼ oz., $1.35	.50	4.50
Maroon Prince. Plum color. 24 inches	⅛ oz., $1.25; ¼ oz., $2.25	.75	.....
Vaughan's Masterpiece. The finest dwarf extra early flowering variety. Massive scarlet spikes; even compact habit	⅛ oz., $1.25; ¼ oz., $2.25	.75	8.00
St. John's Fire. Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants	⅛ oz. $1.40.	$0.75	.....
Zurich. Early, 2 ft	¼ oz., $1.25	.50	$4.40
Type (Scarlet Sage). 26 in.	¼ oz., 1.00	.40	3.50
Salvia. Farinacea Blue Bedder. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting	¼ oz. $1.00	.35	3.50

See also Perennial Pages.

Salpiglossis

Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

		Trade pkt.	Oz.
Emperor Mixed. Easily grown annual, seed sown in greenhouse in January will provide blooms in May; can be sown outdoors later. Excellent for cutting.	¼ oz., 30c	$0.20	$0.90
Vaughan's Special Mixture	¼ oz., 45c	.25	1.40
Giant-Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes. 20 in.	¼ oz., 45c	.25	1.40

SALVIA Splendens Vaughan's Masterpiece

		Trade pkt.	Oz.
Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf, fine edging	¼ oz., 50c	$0.25	$1.70
Saponaria Vaccaria Rose. Sometimes called Pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion	¼ lb., 80c	....	.25
Vaccaria alba, White	¼ lb. 80c	....	.25
Shamrock	¼ oz., 35c	.20	1.20
Smilax	¼ oz., 75c	.35	....
Smilax Myrtifolia. An improvement over the regular strain. Of the same growth habit; with smaller leaves	¼ oz., 90c	.50	3.20

Snapdragon. See Antirrhinum.

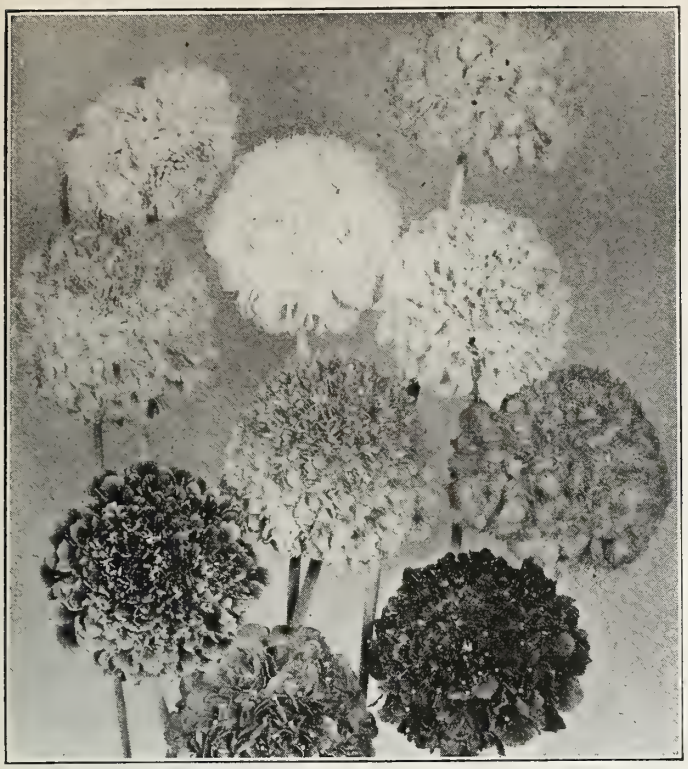
Solanum

ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

		Trade pkt.	Oz.
Bird's Eye Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red	¼ oz., 90c	$0.35	.....

Vaughan's Candle Pepper. A new and attractive strain of this popular Christmas plant. The peppers, which are one inch long and decidedly pointed, are creamy-yellow changing to red, producing a striking candle effect. These finely tapered peppers, which grow upright, give the plant a much daintier appearance than the old Celestial variety. If plants are pinched once, they will develop into larger and heavier plants. 500 seeds, $1.00.

Celestial Pepper		.35	....
Chameleon		.35	....
Christmas Cherry Improved		.35	....
Cleveland Red (Cherry)	¼ oz., 75c	.35	....
Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. Outstanding		.50	
Integrifolium (Love Apple). The species Integrifolium produces fruit about an inch or more in diameter that becomes a most attractive scarlet along in Sept. It must be cut down before frost hits it and stored cool and dry until used. The start and planting out of the crop are handled as are tomatoes, for it seems to be a warm temperature plant		.50	....
Patterson Variety. A compact strain of Christmas Cherry. Fruit medium sized and freely produced well above foliage. Well suited for the smaller-sized pot specimens	¼ oz., 75c	.35	....
Variegated Leaved		.35	....



SCABIOSA Vaughan's Super Crown Imperial Mix.

Scabiosa Double, Large Flowering (Pincushion Flower)

		Trade pkt.	Oz.
Azure Fairy. Azure-blue. A splendid cut flower	¼ oz., 25c	$0.15	$0 80
Black Prince. Black-purple	¼ oz., 25c	.15	.80
Blue Moon. Deep lavender-blue	¼ oz., 65c	.25	2.20
Blue Cockade. Deep blue	¼ oz., 25c	.15	.80
Cherry-Red	¼ oz., 25c	.15	.80
Fire King. Rosy-crimson	¼ oz., 25c	.15	.80
Loveliness. Soft delicate salmon-rose color. Delightfully fragrant	¼ oz., 25c	.15	.80
Rosette. Beautiful shade of deep rose heavily suffused with salmon	¼ oz., 25c	.15	.80
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth	¼ oz., 25c	.15	.80
Shasta. Pure white of enormous size	¼ oz., 25c	.15	.80
Vaughan's Super Crown Imperial Giant Scabiosa Mixed is an entirely new type of Scabiosa, never listed before. The flower is composed entirely of broad wavy petals, fully double of great depth and size, eliminating the pin-cushion center in the older type giving the blossom a bee-hive effect. The colors are most pleasing, a complete range from white, coral, rose, red, salmon to shades of blue. Excellent for cutting. The flowers measuring 2½ to 3 in. are carried Erect on strong robust stems. Plants are over 3 ft. in height	¼ oz., 50c	.30	1.60
Vaughan's Special Mixture	¼ oz., 35c	.20	1.20
Dwarf. Heavenly blue	¼ oz., 55c	.25	2.00
Peace. The white companion to Heavenly Blue. Flowers 1¾ inches across, on 6 to 8-inch stems	¼ oz., 55c	.25	2 00
Mixed Dwarf. 8 in.	¼ oz., 50c	.25	1.60

Schizanthus

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

SCHIZANTHUS—Continued

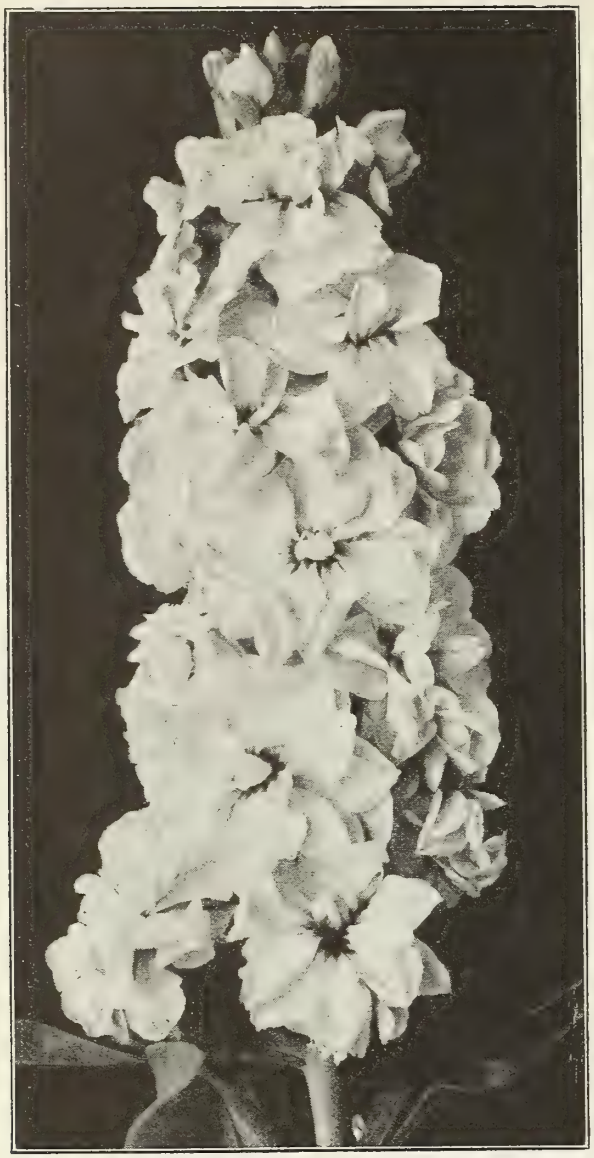
		Trade pkt.	Oz.
Wisetonensis Monarch Strain. The finest strain of large flowered hybrids	⅛ oz., $1.25	$0.50	....
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item	⅛ oz., $1.10	.50	....
Bridal Veil. Pure white, excellent	1/16 oz., $1.20	.75	....
Dr. Badger's Hybrids. Is compact, grows 8-10 in. high. Brilliant colors	¼ oz., $1.10	.35	....
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors are extremely bright and attractive	⅛ oz., $1.00	.35	....
Vaughan's Dwarf Masterpiece. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches	1/16 oz., $1.00; ⅛ oz., $1.65	$0.50	.....

Tahoka Daisy. An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow.	¼ oz., 65c	.25	$2.20
Texas Queen Anne's Lace. An improved Wild Carrot. Will dye easily	¼ oz., 30c	.20	1.00
Thunbergia. Mixed. Fine climber for window boxes and hanging baskets	¼ oz., 45c	.25	1.40
Gibsoni. A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, $1.25; 1000 seeds, $8.00		...	....

FOR PORCH AND WINDOW BOXES

Ageratum Midget
Alyssum
Antirrhinum Dwarf
Begonia
Candytuft Dwarf
Centaurea Jubilee Gem
Coleus
Convolvulus Dwarf
Cuphea Firefly
Heliotrope
Lantana
Lobelia
Marigold Dwarf
Geraniums
Dwarf Nasturtium
Pansy
Balcony Petunias
Single Dwarf Petunias
Thunbergia
Verbena
Vinca
Zinnia Small Sorts

SCHIZANTHUS Vaughan's Masterpiece



STOCKS_NON-BRANCHING COLUMN SILVERY LILAC

Stocks

Our Stocks are produced by the most careful growers and are **equal to the best in the market.**

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods" — **Rose** "Yosemite"
Blue "Pacific" — **Sequoia** "Rose carmine"
Chamois "Santa Barbara" — **Velvety Violet** "Mojave"
Lavender "Tahoe" — **White** "Santa Maria"
Pink "Monterey" — **Yellow** "Golden Gate"

Each of the above, Trade pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25; oz., $4.40.

Giants of California Mixed. Trade pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.20; oz., $4.00.

STOCKS—Continued

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper. **Appleblossom.** (Blush-pink).
Buttercup. Deep golden yellow.
★Chamois. **Dark Blue.** **Elk's Pride.** (Royal purple).
Flesh. Pale coral pink. **Fiery Blood-Red.**
Golden Rose. **★Lavender.** **★Lilac.** **★Rose.**
★Shasta. Vigorous, glistening white.

	Trade pkt.	Oz.
Each of the above.....⅛ oz., 65c; ¼ oz., $1.10	$0.35	$3.40
Giant Bismarck, Mixed. All colors.....⅛ oz., 65c; ¼ oz., $1.10	.35	3.40

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Rich deep carmine rose.
★Apricot (No. 20). Strong growing buff with a faint pink tinge.
Blue. Dark lilac blue.
Chamois Pink. A warm rosy buff color.
Deep Apricot. Slightly darker color than Apricot No. 20 above.
Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.
Illusion. Scarlet red.
★Lilac Lavender. Same as Silvery Lilac.
Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose.
★Rose Pink (No. 14). A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.
Purple Heart. Long stemmed, bright violet purple.
Ruby. Rich crimson red.
★Silvery Lilac. Lilac lavender.
★Supreme. No. 22. Supremely fine in its rich silvery rose shading, with extra long stems and fine heavy spike.
★Vaughan White No. 1. We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence.
★White, Improved No. 16. Semi-tall pure white.
★Yellow Wonder. Best yellow.
Special Florist Mixed. Mixture of the best selling colors.
Each of above: ½ tr. pkt., 60c; tr. pkt. (about 1200 seeds), $1.00; ¼ oz., $2.50; oz., $9.00.

EXTRA DWARF COLUMN HYACINTH FLOWERED WHITE NO. 5

One of our growers reports this a fine item for Easter pot sales. Grows 12 to 14 inches high. Transplant one seedling to a 3-inch pot. Soon as plants are coming into bud and you can determine the doubles pan them together putting 3 to 4 in a 6-inch pot, 5 in a 7-inch and 7 in an 8-inch. This grower sold his doubles in 6 inch pots at $1.00 and singles at 75c wholesale.

½ trade pkt., 60c; trade pkt., $1.00; ¼ oz., $2.50; oz., $9.00.

EARLY COLONIAL

Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose. **Puritan.** Pure white.
Priscilla. Silvery lavender. **Rose Standish.** Bright rose.
Mixed all colors. Each trade pkt., 35c; ¼ oz., 75c.

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

Blood-Red **Dark Blue** **Lavender**
Bright Pink **Deep Rose** (Carmine pink) **White**
Canary Yellow

	Trade pkt.	Oz.
Each of above.....¼ oz., 55c	$0.25	$2.00
Dwarf Large-Flowering. 10 weeks. Extra choice Mixed.....¼ oz., 55c	.25	2.00
Brompton or Winter Mixed. 1⅔ to 2 ft.....	.50	

Sweet Peas Early-Flowering Spencer

SWEET PEAS, SPRING FLOWERING (Cuthbertson)

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, **10c.** Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, ½ oz., 30c; 1 oz., 50c; ¼ lb., $1.50; lb., $5.50.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.
Ball Blue Supreme. Much larger flowered than Mrs. Hoover, a long stemmed heavy producer.
Blue Bird. Violet blue. Fragrant.
Fragrance. Large frilled lavender flowers, for spring blooming.
★Harmony. Popular lavender, fragrant.
Mariner. Clear marine blue.
★Mrs. Herbert Hoover. Bright blue. Fragrant.
Princess Blue. Rich light blue.
Tahoe. Midblue. Spring blooming.
Top Hat. Deep velvety violet blue.
★Triumph. Deep lilac mauve.
★Twilight. A medium clear lavender.

PINK, ROSE AND SALMON

American Beauty. A rich crimson rose.
★Apollo. A soft salmon-cerise. Fine spring bloomer long stemmed.
★Ball Rose Improved. Extra rich deep rose.
Ball Rose Supreme. Large wavy flowers of bright silvery rose pink.
Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.
★Boone. Deep salmon-pink.
★Bridesmaid. Deep silvery pink with stems unusually long.
★Daphne. A soft salmon-pink.
Giant Rose Pink. Fragrant. Rose pink.
Jeanne Mamitsch. Rose pink, long stemmed
Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
★Laddie Improved. Light rose-pink. Fragrant. Long stemmed.
★Mrs. R. H. Holscher. Rose-pink.
New Ball Rose. Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited.
★Sequoia. A rich golden salmon-rose.

ORANGE

★Ball Orange Improved. Clear deep glowing orange.
Fiesta. Brilliant orange cerise, definitely sunproof.
★Treasure Island. A sparkling golden orange.
Valencia. Sunproof orange. Long stems for spring blooming.

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white.
Cascade. Very large flowered white, white-seeded.
Gardenia. Fragrant velvety white flowers, ruffled and duplexed.
★Hope. A mammoth-flowered black-seeded pure white.
Oriental. Black seeded cream.
★Snow Queen. Pure white, black-seeded. Sow to follow "mums."
★White Champion. Best early-flowering white-seeded white.
★White Harmony. A standard black-seeded white.

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex. Rich red maroon.
Grenadier. Dazzling scarlet.
Pride. Pure cerise large flowers on long stems.
Redwood. Dark velvety crimson.
Sparks. Brilliant poppy scarlet.

Vaughan's Special Formula Mixture, Early Flowering Spencers from named sorts. ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $5.00.

Summer Flowering Spencer

Any of the following: oz., 25c; ¼ lb., 80c; lb., $2.80.

Ambition. Rich, deep lavender.
Ascot. Bright pink.
Avalanche. Glistening white.
Bonnie Briar. Large rose-pink.
Bridal Veil. White.
Chinese Blue. Rich deep blue.
Crimson King. Rich deep clear crimson.
Ecstasy. Blush pink.
Flag Ship. Deep navy blue.
Fluffy Ruffles. Cream pink, ruffled and frilled.
Gigantic. Largest and best black-seeded white.
Gleneagles. Large lavender.
Headlight. Orange-scarlet, sunproof.
Highlander. Pure lavender.
King White. Gigantic flowers of pure white.
Mrs. Tom Jones. Bright blue.
Pinkie. Rose-pink.
Powers Court. Lavender.
Prince of Orange. Deep orange.
Red Supreme. Deep crimson.
Ruffled Mixed.
Tangerine Improved. Glowing orange.
Warrior. A fine maroon.
Welcome. Dazzling scarlet.
Vaughan's Florists' Mixture of Summer Spencer Varieties. Oz., 20c; ¼ lb., 65c; lb., $2.20.

Spring-Flowering (Cuthbertson)

The following list of Spring Flowering varieties represents the latest improvements in this increasingly popular class. They retain identical characteristics of the already popular Spring Flowering Peas in every respect, but represent further refinements and the addition of several new colors.

Seed should be sown from the middle or end of October to February in the greenhouse for flowering in spring and summer or outside just before ground freezes up.

Billy. Light carmine.
Carol. Clear pink, white ground.
Coline. Scarlet.
David. Bright rose crimson.
Evelyn. Salmon cream pink.
Frank G. Rosy lavender.
Hazel. Light blue.
Janet. Black seeded white.
Kenneth. Rich ox blood crimson
Lois. Rose pink white ground.
Tommy. Clear medium blue.
Each of the above. . ½ oz., 35c; oz., 65c; ¼ lb., $2.00; lb., $6.50.

Mixed. All the above and others. . . . . ½ oz., 30c; oz., 55c; ¼ lb., $1.65; lb., $5.50

STRAWBERRY Baron Solemacher

STRAWBERRY BARON SOLEMACHER RED

A good Mothers' Day item of the Alpine (non-runner) type. This can be had in fruit (and flower) on Mothers' Day, if sown in January. 3 plants in a 5 inch Azalea pot is the way to grow it. The plants will produce berries all Summer and Fall. Trade Packet, 50c; 1/32 oz., 90c; 1/16 oz., $1.65.

Statice

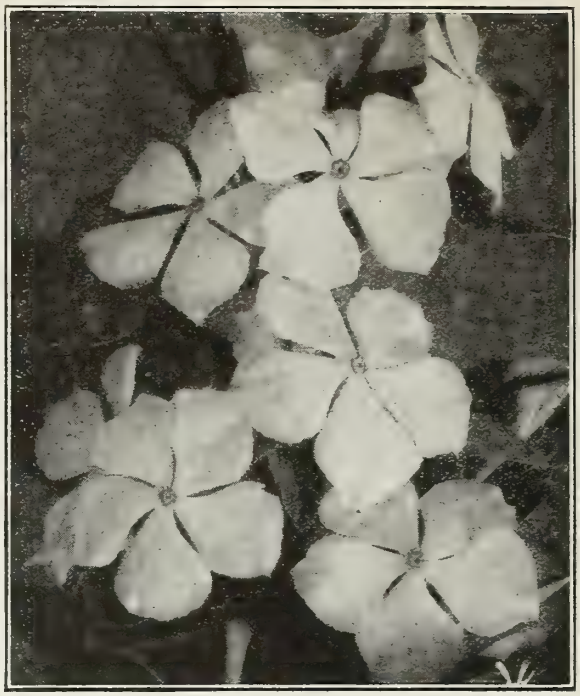
Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Sinuata. Kampf Improved variety. Tall, brilliant deep blue
Lavender Queen
Market Growers. Deep Blue
White, Pure
Rosea Superba
Pastel shades mixed
New colors mixed

	Trade pkt.	Oz.
Each of the above.....¼ lb., $1.60; lb., $4.80	$0.15	$0.45
Bonduelli. Golden yellow.....¼ lb., $1.40	.15	.40
Suworowii. Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch. ¼ oz., 40c	.15	1.20

See also Perennial pages.

Tigridia. Mixed. (Shell flower of Mexico.) Few flowers are more gorgeously colored or more beautiful. "Beauty for a day" is another name for soon after the bulbs form it sends up leafy stalks which bear strikingly beautiful flowers in succession. Treat as a Gladiolus in the north.....¼ oz., $1.20	.50	4.00
Tithonia Avalon Earliest. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire.....¼ oz., 50c	.25	1 80
Torenia Fournieri. Makes a fine pot plant for Mother's day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in.....⅛ oz., $1.10	.50	....
Fournieri Compacta. Dwarf form of above. 8 in.....⅛ oz., $1.15; ¼ oz., $2.00	.35	....
Fournieri Compacta White.....¼ oz., $2.00; ⅛ oz., $1.15	.35	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in.....⅛ oz., $1.00	.35	....
Verbesina Encelioides. 3 ft. Large single butter-yellow daisies with irregular petals. Blooms continuously throughout the season and is an excellent cut flower .....¼ oz., 65c	.25	2.20



VINCA ROSEA

Venidium

	Trade pkt.	Oz.
Fastuosum. 2 to 3 ft. Above the grayish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across.....¼ oz., 80c	$0.35	....
Fastuosum Hybrids. 2-3 ft. A race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals..¼ oz., 90c	.35	....

Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Make good cut flowers.

	Trade pkt.	Oz.
Rosea. Pink, 1 ft.....¼ oz., 60c	$0.25	$1.80
Fl. Alba Oculata. White with pink eye. ¼ oz., 60c	.25	1.80
Alba Pura. Pure white.....¼ oz., 60c	.25	1.80
Delicata. Soft pink.....¼ oz., 60c	.25	1.80
Kermesina. Bright red, dark green leaves with red stem.....¼ oz., 60c	.25	1.80
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye.....¼ oz., 60c	.25	.....
Mixed.....¼ oz., 60c	.25	1.80

Virginia Stocks. Mixed. A splendid edging plant.	.20	.60
Nana Compacta. Mixed Dwarf bushes covered with bright flowers during the entire season. 8 in.....	.20	.60
Viscaria Oculata. Mixed.....¼ oz., 40c	.20	1.40
Blue Pearl. Pure deep lavender-blue without eye, erect growing.....¼ oz., 70c	.35	2.40
Nana compacta oculata. Mixed.....¼ oz., 70c	.35	2.40
Coerulea Blue Bouquet.....¼ oz., 70c	.35	2.40
Fiery Red. Flowers of brilliant red, plant is very dwarf and compact.....	.35	....
Xanthisma Texanum. Star of Texas. Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Quite hardy, does well in dry, open places.....	.35	....
Xeranthemum (Everlasting). Superbissimum (Pompon) mixed.....	.20	1 20

VERBENA Gigantea Type

VERBENAS

Gigantea Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red.
Alba. Very large, pure white.
Annapolis Blue Spreading habit, shades of light to deep blue may may be found in one flower.
Brightness. Bright rosy scarlet with white eye.
Brilliant. Rich deep flame rose with medium sized white eye.
Cerise Queen. Salmon cerise.
Crimson Glow. A pure glowing crimson without an eye.
Etna. Geranium-red with a small creamy yellow eye.
Floradale Beauty. Rose shades with salmon-rose predominating.
Lavender Glory. Large flower umbels. Fragrant. About 80% true.
Lucifer. Red.
Luminosa. Flame pink shading to softer shades of salmon pink.
Rosea Stellata. Pink, white eye.
Royale. Royal blue with creamy eye.
Spectrum Red. Intense pure bright red without eye.
Sutton's Giant Pink. Salmon pink.
Violacea Stellata. Violet, white eye.

	Trade pkt.	Oz.
Each of above.....¼ oz., 75c	$0.35	$2.60
Salmon Queen. Bright salmon-pink, with a small white eye.....¼ oz., $1.20	.50	4.00
Royal Bouquet Mixed. Upright growth on stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors.....¼ oz., 1.20	.50	4.00
Hybrida. Defiance. Brilliant scarlet.....¼ oz., 70c	.35	2.40
Mayflower. Beautiful pink.....¼ oz., 70c	.35	2.40

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; ¼ oz., 75c; oz., $2.60.

	Trade pkt.	Oz.
Dwarf Blue Sentinel. Rich navy blue...¼ oz., $1.50	$0.50	$4.50
Dwarf Splendor. Scarlet white eye.....¼ oz. 75c	.35	2.60
Dwarf Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye. .....¼ oz., $1.00	.35	3.00
Dwarf White.....¼ oz., $1.00	.35	3.00

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; ¼ oz., $1.00; oz., $3.00.

Various Sorts

	Trade pkt.	Oz.
Aubletia Compacta Grandiflora. 8 in. Seed should be sown under glass early in the spring and seedlings transplanted to a sunny spot in the garden. Flowers usually red purple but vary to blue and rose..... .....¼ oz., $1.80; ⅛ oz., $1.00	$0.35	....
Bipinnatifida (Fern-leaved Verbena). The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery gray-green foliage covered with clusters of lavender-blue flowers.....¼ oz., $1.00	.35	$3.50

ZINNIA Dahlia Flowered

VERBENAS—Various Sorts—Continued

	Trade pkt.	Oz.
Erinoides (Moss Verbena) Purple, 1 ft.... ¼ oz., 60c	$0.25	....
Lemon (Citriodora).....⅛ oz. $1.00 ¼ oz. $1.80	.35	....
Venosa. Heliotrope blue, fine for bedding..¼ oz., 50c	.25	....
Lilacina. Delicate lavender-blue.....¼ oz., 60c	.25	....

ZINNIAS

Zinnias are heat-loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well-fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness. Zinnia seed may be sown inside in February and March for cutting inside. Seed sown in April will bloom May 20 to June 10. Inside sown in May for inside cutting will bloom June 10 to 20.

	Trade pkt.	Oz.
All-Giant Indian Summer. A harmonious blend of dazzling brilliance without a trace of harshness.... .....Lb., $14.50; ¼ lb., $4.00; ¼ oz., 45c; ½ oz., 75c	$0.25	$1.25

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Canary Bird, primrose
Crimson Monarch, best red
Dream, deep lavender
Eldorado, rose on deep salmon
Exquisite, light rose, center rose
Golden Dawn, golden yellow
Golden State, rich orange
Illumination, deep rose
Luminosa, bright deep pink suffused with salmon
Meteor, darkest red
Oriole, orange and gold
Polar Bear, white
Royal Purple
Scarlet Flame, bright scarlet

	Trade pkt.	Oz.
Each of above.....¼ oz., 45c; ½ oz., 75c; ¼ lb., $4.00; lb., $14.50	$0.25	$1.25
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties..... ...¼ oz., 45c; ½ oz., 75c; 4 ozs., $4.00; lb., $14.50	.25	1.25

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose
Cherry Queen. Brilliant cherry rose
Crimson Queen. Best crimson
Daffodil. Canary-yellow
Enchantress. Pink
Golden Queen. Golden yellow
Grenadier. A very dark red
Lavender Gem.
Miss Willmott. Soft pink
Orange King. Orange scarlet
Purity. A clean pure white
Rose Queen. Deep rose
Salmon Queen
Scarlet Queen
Violet Queen. Dark violet

	Trade pkt.,	Oz.
Each of the above.....lb., $13.50; ¼ lb., $3.60; ¼ oz., 40c; ½ oz., 65c	$0.25	$1.10
California Giants, Vaughan's Special Mixed. All colors..lb., $13.50; ¼ lb., $3.60; ¼ oz., 40c; ½ oz., 65c	.25	1.10

ZINNIA Lilliput, Vaughan's Special Mixture

ZINNIAS—Continued

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange
Rosalie. Bright intense scarlet
Star Dust. Deep golden yellow
White Light. Pure white, excellent in flower arrangements
Wild Fire. Rich dazzling scarlet

		Trade pkt.	Oz.
Each of the above	¼ oz., 40c	$0.25	$1.20
Fantasy mixed	¼ oz., 40c	.25	1.20

Vaughan's Special Mixture of all Giant sorts including the cream of the Dahlia Flowered, California and other sorts, mixed ..... ¼ oz., 45c .25 1.25

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby, deep blackish maroon
Canary Yellow
Crimson
Dainty Gem. Dainty bicolor rose
Deep Flesh Bright pink
Golden Gem. Golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose. A lovely color
Scarlet Gem
Valencia. Burnt orange
White Gem

		Trade pkt.	Oz.
Each of above	¼ oz., 35c;	$0.20	$1.00
Vaughan's Special Lilliput Mixture	¼ oz., 35c;	.20	1.00

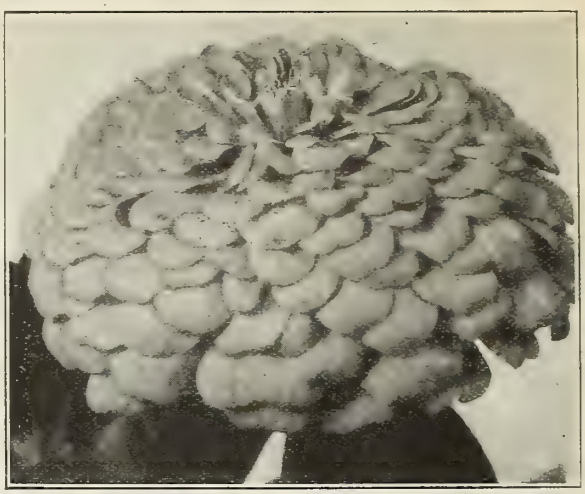
Lilliput Tom Thumb Mixture. Small double flowers cover the plants which grow 6 inches tall. Red, orange, pink, yellow and white pastels. Delightful for low bowls ..... ¼ oz., 35c .20 1.00

SCABIOSA FLOWERED Harmony Type

Plants 2½ to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Vaughan's Special Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white ..... ¼ oz., 50c Trade pkt. $0.25 Oz. $1.60

Super Crown of Gold Pastel Tints. Strictly a mixture of pastel tints and contains a wide color range. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top..lb., $14.50; ¼ lb. $4.00; ¼ oz., 45c; ½ oz., 75c Trade pkt. $0.25 Oz. $1.25



ZINNIA California Giants

CUPID ZINNIAS 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter. Useful for corsage making.

Goblin. Golden orange.
Pixie. Bright yellow
Snowdrop. Pure clear white
Tiny Tim. Rich scarlet.

		Trade pkt.	Oz.
Each of the above	¼ oz., 45c	$0.25	$1.40
Mixed	¼ oz., 30c	.20	1.00

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball.
Aurea Golden orange.
Coccinea Plena. Fireball.
Pinkie. Rose-pink.
Salmon-Rose. Remarkable shade, good for cut flowers.
Spun Gold. Delicately tinted butter-yellow.

		Trade pkt.	Oz.
Each of the above	¼ oz., 30c	$0.20	$0.80
Vaughan's Special Pumila. Mixed. The above shades	¼ oz., 30c; 4 ozs., $3.00	.20	.80
Sunshine tints	¼ oz., 30c	.20	.80

OTHER VARIETIES

Burpee's Super Giant. Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like Dahlia-flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades..... ¼ oz., 60c .35 2.00

Chryanthemum Flowered Special Mixture. Strikingly different, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors..¼ oz., 60c .35 2.00

Luther Burbank. Are of delicate pastel or art tints including cream, primrose, buff, canary, ivory, salmon, rose, chamois, apricot, peach, blush pink, and clear, bright rose. There are also unusual two- and three-color combinations. Flowers grow 5 to 5½ in. across and petals which curl back somewhat to form thick flower heads 2 to 3 in. deep. Plants are strong growing. 3 to 4 ft. tall..... ¼ oz., 85c .35 2.75

Linearis. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. 1 ft. ¼ oz., 60c .25 2.00

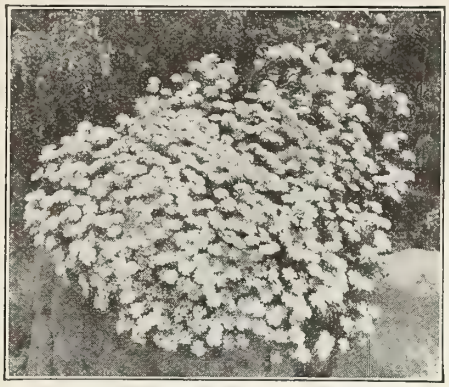
Mexicana (Haageana) Hybrida. Mexican Hybrids. Double mixed..... ¼ oz., 60c .25 2.00

Red Riding Hood. Scarlet. Button type ..... ¼ oz., 45c ½ oz., 75c; 4 ozs., $4.00 .25 1.25

Vaughan's Mixture of Midget Zinnias. Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream..... ¼ oz., 60c .25 2.00

ANCHUSA Italica Dropmore Variety

We recommend sowing perennial seeds in spring. Seed germinates better in the cool weather than in the heat of mid-summer, and the long growing season produces larger plants that winter over more successfully.



ALYSSUM Saxatile Compactum

ANEMONE St. Brigid's Hybrids

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

Of the following varieties and a seed bed should be prepared where it will be undisturbed for a year or more.

Aconitum, Anemone, Clematis, Delphinium Cardinale, Delphinium Nudicaule, Dictamnus, Dielytra, Iris, Phlox Decussata, Primulas Trollius and nearly all Alpines.

Rock Garden subjects are marked ×.

	Trade pkt.	Oz.
Achillea Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ⅛ oz., 60c; ¼ oz., $1.10.	$0.35	....
Aconitum (Monk's Hood). Napellus. Dark blue, 36in.	.25	....
Wilsoni. Mid-blue, large and late flowering	.25	....
Barker's Variety. Branching habit, flowers pretty amethyst blue. ¼ oz., $1.00	.25	....
Adlumia Cirrhosa. Allegheny Vine. Beautiful rose flowers. Maidenhair Fern-like leaves are borne in great profusion on slender twining stems	.35	....
Aethionema Coridifolium (Lebanon Candytuft). Light mallow purple, 8 in.	.50	....
Allwoodii, see Dianthus.		
Alyssum Argenteum × Yellow-flowered, silvery foliage, 24 in. ⅛ oz., 60c	.35	....
Rock Garden Varieties Mixed. Many rare species mixed. ⅛ oz., 70c	.35	....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring. ¼ oz., 30c	.15	$1.00
Sulphureum (Citrinum). Sulphur-yellow, 15 in.	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed	.25	.75
Amsonia Tabernaemontana. Free flowering long stems, with willow-like foliage and lovely heads of light blue flowers in panicles. Especially good for cutting and hardy border. 2 to 3 ft.	.50	....
Anchusa Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft. ¼ oz., 50c	.25	1.80
Dwarf Dropmore Variety (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft. ¼ oz., 60c	.25	2.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.80
Morning Glory. Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open. ¼ oz., 45c	.25	1.40
Myosotidiflora. × A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart-shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing. ⅛ oz., $1.00; ¼ oz., $1.80	.50	....
Anemone (Windflower), Coronaria. Sylphide Blue. light purple	$0.50	....
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ¼ oz., 85c	.50	$3.00
Pulsatilla. × The Pasque Flower. A singularly beautifull species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in. ⅛ oz., $1.25	.50	8.00
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	.15	.60
Tinctoria. Very useful yellow border plant, 2 to 3 ft. ¼ oz., 40c	.25	....
Perry's Variety. Light yellow, varies 2 ft. ¼ oz., 40c	.25	1.40
AQUILEGIA × (Columbine)		
Alpina. Blue. A beautiful short-spurred form, 24 in. ¼ oz., 80c	.35	....
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 80c	.35	2.80
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. ¼ oz., 90c	.35	3.20
Clematiflora. Mixed, Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades	.50	....
Blue Heaven. A lovely deep lavender throughout, and has several extra petals but has completely lost its spurs. It resembles a double large flowered Clematis on erect stem with a center of bright yellow stamens. It requires drainage and its color is loveliest in semi-shade	1.00	....
Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine. ¼ oz., $1.00	.35	3.60
Coerulea. Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. 1/16 oz., 80c; ⅛ oz., $1.40	.50	....
Rose Queen. Shades of rose with white corolla, 30 in. ¼ oz., $1.20	.35	4.00

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 ozs. (of a variety) at the pound price.

AQUILEGIA Mrs. Scott Elliott's Strain

ARMERIAS Are Fine for Cutting

ARABIS Alpina

Seeds of Biennials and Hardy Perennials

AQUILEGIA (Columbine)—Continued	Trade pkt.	Oz.
Flabellata Nana Alba. Pure white early flowering 12 inch	$0.50	....
Hansol Harebell. Dwarf compact habit, lovely violet blue ... 1/16 oz., $1.40	.50	..
Longissima. Long-spurred delicate yellow ... 1/8 oz., $3.00; 1/16 oz., $1.60	.50	....
Longissima Hybrids. Very long-spurred variety in many attractive shades ... 1/16 oz., $2.00	.50	....
Long-Spurred Blue Shades ... 1/8 oz., $1.00	.50	....
Copper Queen. Copper-red, straw-colored corolla, variable in shade, 18 in ... 1/8 oz., $1.00	.50	....
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies ... 1/8 oz., $1.50; 1/4 oz., $2.75	.50	$9.00
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer ... 1/4 oz., $1.20	.35	4.00
Orange and Scarlet Shades ... 1/4 oz., $1.20	.50	4.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. ... 1/4 oz., $1.00	.35	3.50
Vaughan's Super Long Spurred Mixture. Flowers of enormous size in brilliant color range, 3 to 4 in. spurs. Exclusive with us ... 1/8 oz., $2.00	1.00	....
Vaughan's Special Mixture. All types ... 1/4 oz., $1.00	.35	3.60
Arabis × Alpina. White flowers in dense masses. 1 ft ... 1/4 oz., 55c	.25	....
Alpina Nana Compacta. White, 8 in ... 1/4 oz., 70c	.35	2.40
Rosea. Pink, 1 ft ... 1/4 oz., $1.20	.35	....
Pumila Snow Cap. Shining snow white compact cushions ... 1/4 oz., 70c	.35	....
Armeria × Alpina. Deep rose, 3 in ... 1/8 oz., $2.40	.75	....
Formosa Hybrida Rose ... 1/8 oz., 75c	.35	....
Formosa. Large Flowering Hybrids. 2 ft. 1/8 oz., 75c	.35	....
Glory of Holland. Giant Pink. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting ... 1/8 oz., $2.00	.50	....
Asclepias Tuberosa (Butterfly Weed). Produces umbels of varying orange colored flowers, lovely to cut and last a long time. 24 in ... 1/4 oz., 85c	.25	2.75
Asphodelus Luteus. Yellow, fragrant, 3 ft	.35	....
Aster Perennial. Large-Flowering Varieties, mixed.	.50	....
Alpinus. Goliath. × Soft blue, largest-flowered fine, 15 in ... 1/8 oz., $1.40	.75	....
Mixed	.50	....
Amellus Hybridus. Named varieties, finest mixed 30 in	.50	....

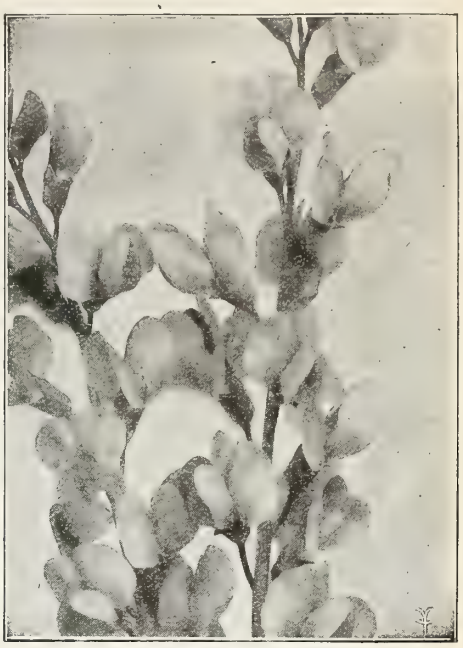
	Tr. pkt.	Oz.
Aubrietia. Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in ... 1/4 oz., 80c	$0.25	$2.80
Deltoidea. × Lilac, 6 in	.35	....
Eyrii. × Free flowering large blue	.35	....
Graeca. Large blue free-flowering, 6 in ... 1/4 oz., 75c	.35	....
Leichtlini. × Large-flowered, rosy-purple	.50	....
Purpurea. True deep purple	.50	....
Royal Hybrids. Colors range through lavender and rosy-magenta shades to mauve. Flowers extremely large; 50% are double	.75	....
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in	.35	....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers.. 2-4 ft	.20	.75
Bellis Perennis × or English Daisy.		
Longfellow. Double dark rose ... 1/8 oz., 70c	.25	...
Snowball. Double white ... 1/8 oz., 70c	.25	....
Monstrosa Double Pink 1/16 oz., $1.00; 1/8 oz., $1.80	.50	....
Double Crimson. Definitely red ... 1/16 oz., $1.00; 1/8 oz., $1.80	.50	....
Double White ... 1/16 oz., $1.00; 1/8 oz., $1.80; 1/4 oz., $3.00	.50	....
Double Red. (Dark rose) ... 1/16 oz., $1.00; 1/8 oz., $1.80	.50	....
Double mixed ... 1/16 oz., $1.00; 1/8 oz., $1.80	.50	....
Tubulosa Aetna. Rich deep red ... 1/16 oz., $2.00	.75	....
Tubulosa Pink. Quilled pink	.75	....
Bocconia Japonica (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely-cut leaves are topped by huge flower spikes, carrying creamy white blossoms	.25	....
Boltonia Latisquama. Delicate pink, 4-5 ft ... 1/4 oz., $1.00	.35	....
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in ... 1/4 oz., 85c	.35	3.00

CAMPANULA PERENNIAL SORTS

Carpatica × (Hare Bell). Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in. ... 1/8 oz., $1.00	.35	....
Alba. × White, 9 in	.50	....

CAMPANULA Medium Single

CAMPANULA Medium Calycanthema



BAPTISIA Australis

Seeds of Biennials and Hardy Perennials

CAMPANULA Perennial Sorts—Continued

	Tr. pkt.	Oz.
Cullinmore. A lovely hybrid form of Carpatica and other dwarf-growing species. Much more prolific than Carpatica. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden	$0.75	....
Fragilis. Blue Star of Bethlehem. Blue, splendid for hanging baskets	.75	....
Garganica. × A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in.	.75	....
Lactiflora Coerulea. Light blue, 3 ft. ⅛ oz., 75c	.50	....
Latifolia Macrantha. Blue, large-fld., 40 in.	.50	....
Persicifolia (Peach Bell) Alba. White, fine, 30 in.	.35	....
Coerulea Blue	.35	....
Telham Beauty. Very large bells of China blue, varies, 30 in.	.50	....
Wedgwood. Large flowers of deep violet blue. Will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes.	.50	....
Mixed ¼ oz., $1.00	.35	....
Pyramidalis Alba. White, 5 ft. ⅛ oz., $1.00	.50	....
Blue. Lavender-blue, 5 ft. ¼ oz., 70c	.35	....
Mixed ⅛ oz., $1.00	.35	....
Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. ¼ oz., 75c	.35	....
Rotundifolia (Scotch Blue Bell). × Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in.	.50	....
Perennial Varieties. Mixed ¼ oz., 90c	.35	$3.20
Rock Garden Varieties. Mixed	.35	....

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch each. ¼ oz., 50c	.20	1.60
Calycanthema Mixed. ¼ oz., 50c	.20	1.60
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each. ¼ oz., 25c	.15	.80
Mixed, single. ¼ oz., 25c	.15	.80
Double Blue. ¼ oz., 70c	.25	....
Rose. ¼ oz., 70c	.25	....
White. ¼ oz., 70c	.25	....
Mixed. ¼ oz., 70c	.25	....
Double and single mixed. ¼ oz., 50c	.20	1.60

	Trade pkt.	Oz.
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white. ¼ oz., 50c	$0.25	$1.60
Jucunda. (Lebanon Candytuft). Dwarf pink, 4 in.	.50	....
Sempervirens, 12 in. White. ¼ oz., $1.20	.50	4.50

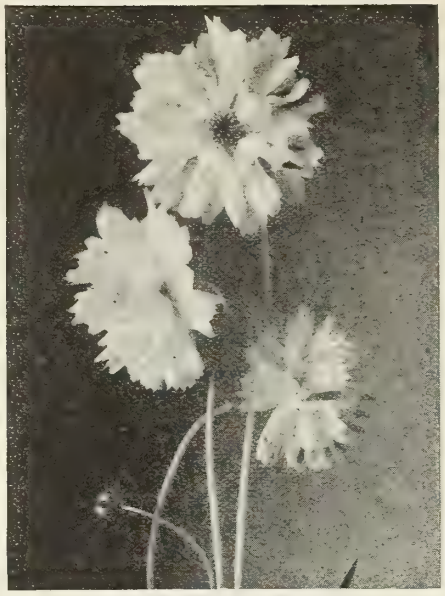
CARNATION

Grenadin Golden Sun. Golden yellow. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
King of the Blacks. Darkest red, very fine. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Red. Half high. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Triumph Rose, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White Gold. Soft yellow. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Mixed. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Dwarf Bright Scarlet. Double flowers of rich intense scarlet. Blooms from seed the first year if sown early. Very uniform. 15 inches. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Vienna Dwarf. Mixed. ⅛ oz., $1.00	.50	....
Prof. Malmgreen. A new early flowering Vienna dwarf double type with gay brick red flowers. Fine for cutting. 14 in. ⅛ oz., $1.00; ¼ oz., $1.80	.50	6.00
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in. ¼ oz., 40c	.25	1.40
Centaurea Dealbata. Rose Delight. Large and striking rose pink flowers. Graceful silvery leaves. 18 in. ¼ oz., 60c	.35	....
Macrocephala. Radiant yellow thistle-like blooms often 4 in. across. 36 in. ¼ oz., 45c	.25	1.50
Montana. Cornflower blue, 24 in. ¼ oz., 40c	.25	1.20
Perennial sorts mixed. ¼ oz., $1.25	.35	4.00
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers. 16 in. ¼ oz., 60c	.25	2.00
Cheiranthus Allionii. Brilliant orange. 16 in. ¼ lb., $1.40	.15	.40
Golden Bedder. Deep golden yellow flowers, sweetly scented, long-flowering. ¼ oz., 30c	.15	1.00
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in. ¼ oz., 75c	.35	....
Linifolius. Lilac. 18 in. ¼ oz., 40c	.25	1.40

Chelone. See Penstemon Barbatus.

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SHASTA DAISY Alaska



COREOPSIS Double Sunburst

CARNATION Grenadin Mixed

Seeds of Biennials and Hardy Perennials

CHRYSANTHEMUM

		Trade pkt.	Oz.
Maximum Conqueror (Victor). Giant-flowered white	¼ oz., 30c	$0.15	$1.00
King Edward VII. White	⅛ oz., 50c	.25	....
Mrs. C. Lothian Bell. Single white. 3 ft.	⅛ oz., 50c	.25	....

See also Shasta Daisy.

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double	⅛ oz., $2.00; ¼ oz., $3.50	1.00	....

Clove Pink. See Dianthus Plumarius.

Columbine. See Aquilegia.

Coreopsis Lanceolata Grandiflora. Very large golden yellow flowers, long-stemmed, excellent for cutting	lb., $3.60	.15	.35
Double Sunburst (Double Gold). Large double flowers 1½ to 2 in. across	¼ oz., 30c	.15	1.00
Mayfield Giant. Best large deep golden-yellow.	¼ oz., 25c	.15	.80

Cyclamen Europaeum. An outstanding rock garden plant. Blooms in July or August. The flowers are fragrant and usually of a deep rose color. Requires rich humus soil that is well drained. Seed germinates irregularly. Leaflet on culture furnished with seed. 100 seeds, $1.00.

Daisy. See Bellis, Chrysanthemum Maximum and Pyrethrum.

Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	¼ oz., 40c	.20	1.20
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of singles. The second year they act like Pyrethrum Double in that they show practically 100% doubles	1/16 oz., $1.25; ⅛ oz., $2.00; ¼ oz., $3.75	.50	.....
Diener's Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long	⅛ oz., $1.50; ¼ oz., $2.75	.50	.....

SUBSTITUTION

Kindly advice, may we substitute another variety equally as good or better by stating on your order "Substitute if necessary."

Delphinium

PACIFIC GIANT (Vetterle and Reinelt). This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Blue Jay. Brilliant true-medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00

Blue Bird. A clear medium blue with white bee with huge tall spikes. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00;

Pacific Giant. Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant. Dark blue shades.

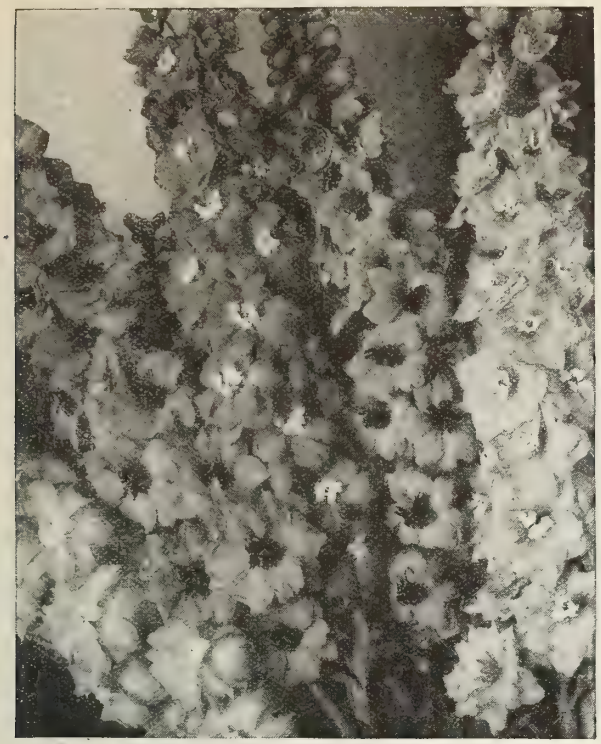
Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Giant. Light blue shades.

Pacific Giant Mixed.

Each of above 5: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

		Tr. pkt.	Oz.
Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors	¼ oz., 90c	$0.50	$3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. Mixed	⅛ oz., 80c; ¼ oz., $1.50	.50	5.40



DELPHINIUM PACIFIC GIANT HYBRIDS

SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William makes a wonderful perennial border and spring pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00.

Seeds of Biennials and Hardy Perennials

DELPHINIUM—Continued

	Tr. pkt.	Oz.
Belladonna. Light Blue, Improved. Light blue, large-flowered, strong grower. 4 to 5 ft. ¼ oz., 80c; lb., $35.00	$0.40	$2.80
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. ¼ oz., 80c; lb., $35.00	.40	2.80
Cardinale, scarlet, 30 in. ¼ oz., 75c	.35	2.80
Chinense Album Grandiflorum. White, 36 in. ¼ oz., 35c	.20	1.20
Blue. Gentian blue. ¼ oz., 35c	.20	1.20
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders ¼ oz., $1.00	.50	3.60
Cambridge Blue. Rich belladonna blue. ¼ oz., 65c	.35	2.20
Azure Fairy. Soft azure-blue, 20 in. ¼ oz., 35c	.20	1.20
Nudicaule ① □, brilliant scarlet, 30 in. ¼ oz., 70c	.35	....

DIANTHUS BARBATUS—Sweet William

Double Dwarf Midget Mixed. ¼ oz., 85c	.35	3.00
Giant Flowered Mixed. ¼ oz., 80c	.35	2.80
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.		
Single Blood-red (Atrosanguineus). ¼ oz., 50c	.25	1.60
Copper Red. Showy flower heads composed of numerous good-sized individual blooms in an attractive new color. ¼ oz., $1.00	.35	....
Special Giant White. Phlox-flowered. Enormous trusses of bloom. Fine for cutting. ¼ oz., 75c	.35	2.40
Homeland. A most unusual color, dark red with large, sharply defined clear white center. ¼ oz., $1.00	.50	3.80
Nigrescens. Very dark, almost black. ¼ oz., 50c	.25	1.60
Newport Pink Salmon-pink. ¼ oz., 75c	.35	2.40
Purple Beauty. ¼ oz., $1.00	.50	....
Scarlet Beauty. Scarlet. ¼ oz., 75c	.35	2.40
Mammoth Flowered. Single mixed. ¼ oz., 75c	.35	2.40
Vaughan's Special Mixture. Double and single of above choice varieties. ¼ oz., 80c	.35	2.80

DIANTHUS—Continued

DIANTHUS PLUMARIUS—Clove Pinks ×

	Trade pkt.	Oz.
Cyclops. Red Hybrids. ¼ oz., $1.00	$0.35	....
Highland Rose Hybrids Mixed. Beautiful and varied mixture, especially noted for their fragrance and long flowering. ¼ oz., $1.00	.35	$3.60
Ipswich Strain Mixed. The delicately perfumed Clove Pink, an old garden favorite with flowers usually single but sometimes double, in many delightful changes of coloring and marking	.50	....
Ipswich Crimson. Large single crimson flowers	.50	....
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double	.50	....
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering. ¼ oz., $1.00	.35	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant. ¼ oz., $1.40	.50	5.00
Single Mixed. ¼ oz., 40c	.15	1.35
Semperflorens. Double Mixed. ¼ oz., 60c	.30	....
Double Early-Flowering. Dwarf Mixed. ¼ oz., $1.00	.35	....
Vaughan's Special Mixture. ¼ oz., 90c	.35	3.20

DIANTHUS—SORTS

Allwoodii. × 18 in. Mixed colors. Double, semi-double and single flowers in a wide color range. ⅛ oz., $1.00	.35	....
Alpinus. Mixed colors. × 4 to 8 in. Glossy leaves, large flowers various shades of pink and rose	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in.	.35	....
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large fragrant rose-colored flowers. ¼ oz., 65c	.25	2.20
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William. ⅛ oz., $1.00	.35	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

DICTAMNUS Fraxinella (Gas Plant)

MYOSOTIS Blue Eyes

DIGITALIS Shirley Hybrids

Seeds of Biennials and Hardy Perennials

DIANTHUS SORTS—Continued	Trade pkt.	Oz.
Deltoides (Maiden Pink). Rosy magenta 9 in. ¼ oz., 65c	$0.25	$2.40
Brilliant. (Maiden Pink) 8 in. Rich rose pink blossoms, carried above fine feathery foliage	.35	....
Erecta Red	.35	....
Mixed. Fine for rock gardens	.35	....
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage	.50	....
Latifolius Atrococcineus Plena. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout 15 to 18 in. stem. ⅛ oz., $1.00	.35	....
Loveliness. Large laciniated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance ⅛ oz., $1.20	.50	....
Sweet Wivelsfield. Single, mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft ¼ oz., 30c	.15	1.00
Sweet Wivelsfield. Double, mixed ¼ oz., 60c	.25	2.20
Best Rock Work Species Mixed × ¼ oz., 80c	.25	2.80
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., 1/16 oz., 80c	.50	....
Dicentra Eximia (Plumy Bleeding Heart). Dwarf. 12 in ¼ oz., $1.00	.35	3.60
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in ¼ oz., 50c	.25	1.75
Fraxinella Albus. White, 30 in ¼ oz., 70c	.35	2.60
Dielytra Spectabilis. (Bleeding Heart.) 32 in., 1/16 oz., $1.75; ⅛ oz., $3.25	1.00	....

DIGITALIS (Foxglove)

Hybrida Lutzii. Salmon hybrids. 4 ft ¼ oz., 70c	.25	....
Gloxiniaflora. Mixed, spotted flowers, 4 ft. ¼ oz., 50c	.25	1.60
Alba. White ¼ oz., 50c	.25	....
Purple ¼ oz., 50c	.25	....
Rose ¼ oz., 50c	.25	....
Pastel Shades. Distinct shades of pink, apricot, buff, rose and heliotrope ¼ oz., 75c	.30	....
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft ¼ oz., 60c	.25	2.20
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower ¼ oz., 60c	.25	....
Grandiflora. Chrome-yellow. Marked with brown. (Ambigua), 36 in ⅛ oz., 70c	.35	....
Vaughan's Special Mixture ¼ oz., 60c	.25	2.00

Doronicum or Leopard's Bane is an exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting.

DORONICUM—Continued	Trade pkt.	Oz
Caucasicum Large yellow heads showy border plant especially in combination with blue or lavender Tulips ⅛ oz., $2.50	$1.00	....
Caucasicum Magnificum. Gerbera like flowers of clear yellow. Height 2 ft	1.00	....
Echinops (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings. Grow in clumps in full sun ¼ oz., 1.25	.35	4.00
Edelweiss. × Large flowered, 6 in	.50	....
Erinus × Alpinus. Purple, for borders, 6 in	.50	....
Eryngium Amethystinum. True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft ¼ oz., 70c	.25	2 40
Euphorbia Corollata (Wild Baby's Breath). Resembles Gypsophila but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft.	.35	....
Myrsinites. A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring 3 in ⅛ oz., $1.00	.35	....
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in	.50	....

FORGET-ME-NOT × (Myosotis)

Alpestris Blue Eyes. Bright blue with white eye, large, early flowering ¼ oz., $1.40	.35	$5.00
Indigo Blue (Royal Blue). 12 in ¼ oz., 95c	.35	....
Blue Compacta. Deep blue. ⅛ oz., 90c; ¼ oz., $1.60	.35	6.00
White ¼ oz., 95c	.35	....
Robusta Grandiflora Blue. An improved Alpestris Blue. Double central flower ¼ oz., $1.40	.35	5.00
Palustris. Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft ¼ oz., 75c	.35	2.40
Stricta. Blue Bouquet. A compact, upright grower of the column type, completely smothered with flowers of bright blue. 1 ft. ⅛ oz., 80c; ¼ oz., $1.50.	.35	....
Victoria. Dwarf globular strain. 8 in.:		
Sky-blue. Excellent variety	.35	....
Rosea. Pink	.35	....
White	.35	
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used for cutting and valuable for pots or bedding ¼ oz., 85c	.35	3.00

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Monarch Strain

HOLLYHOCK Chater's Double Mixed

GERBERA Jamesoni Flowerland Strain

Seeds of Biennials and Hardy Perennials

GAILLARDIA Grandiflora

	Trade pkt.	Oz.
Burgundy. Self colored wine-red, 2½ in. diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ¼ oz., 65c	$0.25	$2.20
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ¼ oz., 65c	.25	2.20
Goblin. Very compact globular plants, red and yellow bicolor. ¼ oz., 70c	.35	2.60
Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form ¼ oz., 50c	.25	1.80
Portola Hybrids. The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft. ¼ oz., 50c	.25	1.80

Gas Plant, see Dictamnus.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. 100 seeds, 45c; 500 seeds, $1.75; 1000 seeds, $3.00	....	....
Geum. Lady Stratheden (Golden Ball). The blooms are large double rich golden yellow. 2 ft. ¼ oz., 80c	.35	3.00
Mrs. Bradshaw. Large double fiery orange red. 2 ft. ¼ oz., 80c	.35	3.00
Prince of Orange. True orange. ⅛ oz., 85c	.50	....
Gilia Coronopifolia Red. 3½ ft. (Standing Cypress.) The flowers are 1½ inches long, trumpet shape, borne along the side of the stem. A biennial. ⅛ oz., 60c	.35	....
Gypsophila Oldhamiana. Great tangles of airy, misty blooms in pink shades. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. ¼ oz., 65c	.25	2.20
Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 80c	.25	2.80
Paniculata Snow-White Double. Pure white double strain. 2 ft. ¼ oz., $1.25	.50	4.40
Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., $1.60	.15	.50
Repens × White flowers, trailer, good border or rock plant. 6 in. ¼ oz., 70c	.25	2.40
Rosea. Pink ¼ oz., 85c	.25	3.00

Helenium Bigelowi. Yellow dark disc, for cutting. 20 in. ¼ oz., $1.20	$0.35	....
Hoopesi. Yellow. Early flowering. 30 in. ¼ oz., $1.20	.35	....
Riverton Gem. Flowers open as old gold and terra-cotta changing to wallflower red. 3½ ft. ¼ oz., $1.20	.35	....
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft. ¼ oz., 55c	.35	....
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ¼ oz., 40c	.20	$1.40
Helleborus Niger. Christmas Rose. Seed germinates very slowly. 15 in.	.25	1.00
Hemerocallis Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies. 100 seeds, 35c; 1000 seeds, $2.50	...	....
Hesperis Matronalis. (Sweet Rocket.) Sweet scented purple flowers in showy spikes. 40 in. ¼ oz., 30c	.25	1.00
Matronalis Alba. Sweet scented white flowers. ¼ oz., 30c	.25	1.00
Heuchera × Sanguinea. Graceful spikes of crimson flowers.	.50	....
Sanguinea Splendens. Bright vermillion. 1/16 oz., $1.30	.50	....
Hybrida Grandiflora. Mixed, 30 in. 1/16 oz., $1.30	.50	....
Hibiscus Crimson Eye. White with red eye. 4 ft.	.20	....
Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red. ¼ oz., 50c	.25	1.80
Mallow Marvels. Mixed. 4 ft. ¼ oz., 40c	.25	1.40
Pink. ¼ oz., 40c	.25	1.40

Hollyhocks Chater's. Double Separate Colors.

Chamois (Buff yellow)	Newport Pink
Special Double Black	Salmon Rose
Deep Salmon Red	Scarlet (Blood Red)
Lilac Beauty	White
Maroon	Yellow.
Deep Rose (Carmine rose)	

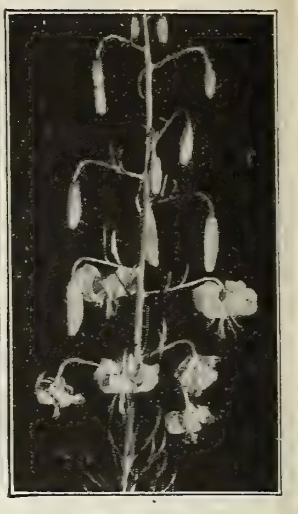
Each of above. ¼ oz., 50c	.30	1.50

Write for special prices on larger amounts.

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LATHYRUS Latifolius, White Pearl

LILIUM Regale



LILIUM Tenuifolium

Seeds of Biennials and Hardy Perennials

HOLLYHOCKS—Continued		Trade pkt.	Oz.
Chater's Prize. Double mixed	¼ oz., 50c	$0.30	$1.50
Imperator, Improved ("Begonia Flowered" Crested Mixed). Collar of frilled and fringed edges	¼ oz., 55c	.30	1.80
Triumph. Double waved and fringed flowers in delicate art shades	¼ oz., 50c	.30	1.50
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny	¼ oz., 50c	.30	1 80
Single mixed		.25	.80
Allegheny. Mammoth-flowering. Semi-double flowers. Mixed	¼ oz., 25c	.15	.75
Everblooming Double Hybrids, mixed. If sown early will bloom first year	¼ oz., 40c	.20	1.40
Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early	¼ oz., 50c	.25	1.60
Hyacinthus Candicans. 3 ft. Large snowdrop-like flowers in long racemes	¼ oz., 30c	.25	1.00
Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer	¼ oz., 65c	.35	2.20
Siberian Mixed. 36 in.	¼ oz., 60c	.35	2.00
Isatis Glauca. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft.	¼ oz., 60c	.35	....
Kenilworth Ivy × (Linaria Cymbalaria). Pretty trailing variety. Pink		.35	....
Lathyrus Latifolius (Everlasting Pea). Mixed	¼ oz., 30c	.20	1.00
Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft.	¼ oz., 30c	.20	1.00
Red. Magenta. 7 ft.	¼ oz., 30c	.20	1.00
White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft.	¼ oz., 30c	.20	1.00
Lavandula Vera. Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera. Sow in fall	¼ oz., $1.00	.35	....
Liatris Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft.	¼ oz., 75c	.30	2.80
Scariosa Violet purple. 2 ft.	¼ oz., $1.00	.35	....
September Glory. 6 ft. Spike covered with purple flowers	¼ oz., $1.50	.50	5.50
Spicata (Blazing Star). Purple rose, 20 in.	¼ oz., 80c	.35	....
Linaria Cymbalaria, × Pink. 3 in.		.35	...

Lilies

Culture on Lilies from seed sent free with order.		Trade pkt.	Oz.
Concolor. Erect fiery scarlet with dark red spots	¼ oz., 1.00	$0.50	....
Formosanum Giant White. A fine variety easily raised from seed. Blooms in late summer when few hardy lilies are available	¼ oz. 1.00	.50	$3.60
Longiflorum Praecox (White Queen). Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. ½ trade pkts., 60c; ⅛ oz. $2.50; ¼ oz. $4.50		1.00	....
Regale. The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flowers are beautiful, possessing a delightful fragrance. 3 to 5 feet	¼ oz., 35c	.20	1.20
Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red flowers up and down the stem. 20 in.	¼ oz., 75c	.35	2.25
Linum Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in.		.15	.60
Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft.	¼ oz., 75c	.25	....
Compactum Nanum. × Glowing golden yellow, dark green foliage. Everbloomer, 6 in.	1/16 oz., 70c	.35	....
Narbonense. Azure blue, flowers with white eye, graceful habit. 30 in.	¼ oz., 75c	.35	2.80
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue. ⅛oz., 65c; ¼oz., $1.10		.35	....
Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in.	¼ oz., 80c	.25	2.80
Lunaria Biennis. (Honesty). Lilac purple flowers, silvery pod	¼ oz., 35c	.25	1.20
Biennis Alba. White flowers with silver pods.	¼ oz., 35c	.25	1.20
Variegated Foliage. Light red flowers, fine foliage with silver pods	¼ oz., 35c	.25	1.20
Lupinus Polyphyllus.			
Albus. Large, pure white spikes. 2 to 3 ft.	¼ oz., 30c	.20	1.00
Carmineus. Carmine shades	¼ oz., 50c	.25	1.60
Coeruleus Blue	¼ oz., 40c	.25	1.40
Roseus. Very pretty rose shades. 3 ft.	¼ oz., 60c	.25	2.00
Downer's Hybrids. Perpetual flowering hybrids	¼ oz., 60c	.25	2.00
Russell. A marvelous selection of Perennial Lupins. Most unusual colors and color combinations. The flowerettes are much larger than the other Polyphyllus varieties	¼ oz., 60c; ¼ lb., $6.00.	.35	2.00

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LUNARIA Biennis

LYCHNIS Chalcedonica

LUPINUS Polyphyllus Russell Mixture

Seeds of Biennials and Hardy Perennials

LUPINUS Polyphyllus—Continued

	Trade pkt.	Oz.
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins..... ¼ oz., 40c	$0 25	$1.40
Nitragin, for inoculating Lupin seed. Garden size 10c		
Lychnis. Alpina. × Rose 12 in.....	.50	....
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft.....	.35	....
Chalcedonica. Vivid scarlet flowers. 36 in. ¼ oz., 50c	.25	1.60
Haageana Hybrida. Mixed, extra choice, 18 in..... ¼ oz., $1.00	.25	....
Viscaria Splendens. Early, deep rose, 16 in. ¼ oz., 50c	.25	....
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in..... ¼ oz., 50c	.25	1.80
Superbum, The Beacon. Excellent for moist or wet locations in the border. An English introduction of merit, produce 12 or more 3-foot upright spikes of clear rosy red which last a month or more, and are also good for cutting..... ¼ oz., 75c	.35	2.60

Matricaria. (Feverfew). Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 35c; ⅛ oz., $1.00; ¼ oz., $1.75.

	Trade pkt.	Oz.
Matricaria Golden Ball. Striking double golden yellow. 8 in.....	$0.35	....
Myosotis. See Forget-Me-Not.		
Native Wild Flowers. Mixed..... ¼ oz., 60c	.25	.....
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft..... ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Nierembergia Hippomanica (Coerulea). × The lovely lavender-blue flowers, heightened by a touch of yellow in the center, are most charming. Plants are compact, not over 5 or 6 inches tall. As an edging plant it is unexcelled, and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection..... 1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Coerulea, Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color, from which it was selected... 1/32 oz., $1.65; 1/16 oz., $3.00	.50	....

	Trade pkt.	Oz.
Oenothera. Lamarkiana. Large yellow flowers on long spikes, 2 ft.....	$0.15	$0.50
Macrocarpa (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in..... ¼ oz., $1.00	.25	....
Youngei. Large yellow bloom. 18 in. ¼ oz., 60c	.25	1.80
Pentstemon. Barbatus. Tall erect, branching. A showy scarlet perennial.....	.35	....
Digitalis. White tinted violet. 36 in.....	.35	....
Grandiflorus. Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft.... ¼ oz., $1.00	.30	3.60
Perennial Varieties. Mixed.. ⅛ oz., 65c; ¼ oz., $1.10	.35	....
Phlox. Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1¼ ft.....	.50	....
Decussata. Perennial varieties mixed. Seed germinates slowly..... ¼ oz., 60c	.35	2.00
Physalis Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations..... ¼ oz., 75c	.25	2.50
Physostegia Summer Snow. A grand glistening white, all summer display. Dignified spikes on foliage of the deepest green. A fine cutflower.... ¼ oz., $1.50	.50	5.00

POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

	Trade pkt.	Oz.
Papaver Nudicaule × (Iceland). Amurense "Yellow Wonder." Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs..... ⅛ oz., 50c; ¼ oz., 90c	$0.25	$3.20
Coonara. Salmon, pink and rose shades. 1½ ft... ¼ oz., 65c	.25	2.20
The Emperor. Large-flowered, orange, long-stemmed..... ¼ oz., 70c	.25	2.40
The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink..... ¼ oz., 80c	.25	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

MATRICARIA Double Select White

Nudicaule or Iceland Poppies bloom from seed the first year if sown early.

POPPY Nudicaule The Emperor

PLATYCODON COERULEUM

Seeds of Biennials and Hardy Perennials

POPPY Papaver Nudicaule—Continued	Trade pkt.	Oz.
Gartford Giant Art Shades. This mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades..... .....⅛ oz., 60c; ¼ oz., $1.00	$0.35	....
Kelmscott Strain. The best strain, strong wiry stems when well grown, 3 ft. long, large flowers in great variety of beautiful colors..... .....⅛ oz., 60c; ¼ oz., $1.00	.35	....
White.....¼ oz. 70c	.25	$2.00
Sanford's Giant Hybrids. The flowers are immense, 2½ to 3 inches in diameter. The color balance is excellent. The stems longest we have seen. Extremely free-flowering. 2 ft.....¼ oz., 65c	.25	2.20
Schinzianum. Somewhat taller and with slightly larger flowers than the well-known Iceland Poppy. Very profuse in bloom all summer and fall. Transplants quite readily. Color of bloom delicate buff-orange. A fine true perennial Poppy.....⅛ oz., $1.00; ¼ oz., $1.75	.35	....
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies.....¼ oz., 80c	.25	2.80

ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

Orientale (Oriental Poppy). Scarlet. 3 ft..¼ oz., 55c	.25	2.00
Beauty of Livermere. Oxblood-red with dark blotch.....	.35	....
Brilliant. Brilliant fiery red. 40 in.....	.35	....
Mahoney. Maroon-crimson. 40 in.....	.35	....
Mrs. Perry. Salmon-rose.....	.35	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in..⅛ oz., $1.00; ¼ oz., $1.80	.50	....
New Oriental Hybrids. From a collection of new named sorts.....¼ oz., $1.00	.35	3.50
Vaughan's Special Mixture.....¼ oz., $1.00	.35	3.50

	Trade pkt.	Oz.
Platycodon Grandiflorum. Blue, 28 in....⅛ oz., 75c	$0.35	....
Grandiflorum. Album. White, 28 in.....⅛ oz., 75c	.35	....
Mariesii. Dark blue, dwarf. 16 in.....¼ oz., 85c	.35	$3.00
Alba. White and faint blue dwarf 16 in..¼ oz., 85c	.35	....
Polemonium Coeruleum. (Jacob's Ladder). Album. White. 30 in.....¼ oz., 75c	$0.25	....
Coeruleum Blue.....¼ oz., 75c	.25	....
Richardsoni. Dwarf, blue, early. 20 in.....	.50	....
Polyanthus (See Primula Veris).		
Potentilla Nepalensis × Miss Willmott. Bright carmine rose, 12 in.....¼ oz., 85c	.35	....
Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. ¼ oz., 85c	.35	....
Single Mixed, 26 in.....¼ oz., 70c	.25	....

ORIENTAL POPPIES

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

PRIMULA Veris Monarch Strain

STOKESIA Cyanea

SINGLE PYRETHRUM
Robinson's Giant Hybrids Mixed

Seeds of Biennials and Hardy Perennials

PRIMULA VARIOUS SORTS

	Trade pkt.	Oz.
Acaulis Blue. The finest obtainable being regular and rich in color	$1.00	....
Auricula. × Extra Large Flowered. Mixed, 6 in. ⅛ oz., $1.80; ¼ oz., $3.20	.75	....
Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers. 1/16 oz., $1.75; ⅛ oz., $3.20	1.00	....
Bullesiana Hybrids. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	.50	....
Bulleyana. Flowers yellow, bud terra-cotta	.50	....
Cashmiriana. Lilac, early, hardy, 12 in. 1/32 oz., $1.00	.50	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft.	.50	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. ⅛ oz., $1.00	.50	....
Officinalis, Cowslip, yellow. 10 in.	.35	....
Rosea Grandiflora. × Rose-carmine, May-June. 8 in.	.75	....
Sieboldii. The large rich green leaves are crinkled and scalloped and the upright stems bear a quantity of large brightly colored flowers in April and May. 9 in. They also make splendid pot-plants for the cold greenhouse. They vary from pure unmarked white, through the palest pink and deep lavender to cerise.	.50	....
Vulgaris. × True. Yellow Primrose. 6 in. ⅛ oz., $1.00; ¼ oz., $1.75	.50	....

PRIMULA VERIS COLOSSEA MIXED

PRIMULA VERIS

	Trade pkt.	Oz.
Veris Giant Crimson. ⅛ oz., $3.00; 1/16 oz., $1.75	$0.75	....
Lutea. Yellow. ⅛ oz., $1.00	.50	....
Colossea Mixed. The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cut flowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1¾ inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red. ¼ oz., $4.50; ⅛ oz., $2.50	1.00	....
Giant Bouquet. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden. 1/16 oz., $2.40	1.00	....
Monarch Mixed. Is the result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors. ⅛ oz., $2.00; ¼ oz., $3.75	.75	$14.00
Grandiflora. Mixed. Giant flowered finest mixed. ¼ oz., $3.25; ⅛ oz., $1.75	.75	....
Giant Munstead strain. Flowers of largest size containing fine shades in yellow and white. 1/16 oz., $1.20; ⅛ oz., $2.25	.75	....
Giant Red Shades. ⅛ oz., $3.00; 1/16 oz., $1.75	.75	....

PYRETHRUM (Painted Daisies)

Roseum. James Kelway. Deep scarlet varies. ¼ oz., $1.75	.50	....
Rose. ¼ oz., $1.50; ⅛ oz., 80c	.50	....
Single mixed. ¼ oz., $1.40; ⅛ oz., 80c	.50	5.00
Grandiflorum Mixed. Large flowering. ¼ oz., $2.25	.50	8.00
Robinson's Giant Hybrids. Mixed. ¼ oz., $1.75	.50	6.00
Robinson's Dark Crimson	.75	....
Double Pink	1.00	....
Double Red	1.00	....
Double Sulphur yellow	1.00	....
Double White	1.00	....
Double Mixed. Extra choice. ¼ oz., $2.50	.50	....

Double Pyrethrum. Does not produce 100% double flowers—the percentage is better the second year it blooms.

Rock plants are followed by X, and the heights given are of the plants when in bloom.

STATICE LATIFOLIA

THALICTRUM Adiantifolium

THALICTRUM DIPTEROCARPUM

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Ranunculus. Asiaticus mixed. Very fine varieties in mixture ¼ oz., 60c	$0.35	$2.00
Rock Plants. Perennial Mixed ¼ oz., 70c	.30	2.40
Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in yellow, bronze and brown shades on long, firm stems ¼ oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft ¼ oz., 85c	.25	3.00
Salvia Azurea Grandiflora. Tall growth and long stalks. The deep blue flowers in long racemes	.35	....
Patens. Very large flowers, splendid blue, free bloomer ¼ oz., $1.40	.50	....
Saponaria × Ocymoides Splendens. Rosy purple. Pretty border or rock plant	.25	....
Scabiosa Caucasica Alba. Pure white. 40 in. ¼ oz. $1.00	.35	....
Caucasica Perfecta. Lavender. Improved form, fringed flowers, very large and beautiful ¼ oz., 65c	.30	2.50
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white ¼ oz., 1.00	.35	3.50
Goldingensis. Large flowers, waved petals, small center, deep lavender ¼ oz., $1.00	.35	....
Vaughan's Special Mixture. All the above Caucasica types ¼ oz., 90c	.35	3.20
Scutellaria × Coelestina. Dense bushy habit, abundance of light blue flowers	.35	....
Sidalcea. Rose Queen. Splendid rose flowers. ¼ oz., 75c	.35	....
Rosy Gem. Mallow pink. 18 in. ¼ oz., $1.00	.35	....
New Hybrids ¼ oz., 50c	.25	....
Statice. Caspia. Tender lilac color. 30 in. ¼ oz., 75c	.25	2.40
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in. ¼ oz., 85c	.35	3.00
Latifolia. Small lavender-blue flowers in large panicles. 1 ft ¼ oz., 60c	.25	2.20
Perezii. Free-flowering lavender species. 30 in. ¼ oz., 60c	.25	2.00
Puberula. Dark violet, extremely valuable pot plant for summer and fall. 4 to 6 in. ¼ oz., 85c	.35	....
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer ¼ oz., 80c	.35	2.80
Sweet William. See Dianthus Barbatus.		
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft ¼ oz., 65c	.25	2.20
Thalictrum Adiantifolium a charming dwarf species much used and admired, yellow flowers. ¼ oz., 50c	$0.25	....
Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors. 40 in. ¼ oz., 50c	.25	....
Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft. ⅛ oz., $1.00	.50	....
Thymus Serpyllum. × (Wild Thyme). Creeping, purple flowers. 2 in. 1/16 oz., 90c; ⅛ oz., $1.50	.50	....
Tritoma Hybrida Mirabilis. Blooms first year from seed ¼ oz., 65c	.35	$2.20
Miracle Mixture. Early flowering ¼ oz., 85c	.35	3.00
Perpetual Flowering ¼ oz., 65c	.35	2.20
Pfitzer's Hybrids. Large brilliant red ¼ oz., 65c	.30	2.20
Trollius Europaeus (Golden Ball). Yellow, distinct, late bloomer 1/16 oz., 85c	.35	....
Ledebouri. Late-flowering, large orange-yellow flowers. 2 ft ¼ oz., $1.50	.35	5.40
Hybridus Orange Globe ⅛ oz., $2.00; 1/16 oz., $1.25	.50	....
Mixed ¼ oz., $1.50	.35	5.40
☞ Soak Trollius seed in hot water 30 minutes before sowing		
Tunica × Saxifraga. Lilac-rose. May. 10 in. ¼ oz., 85c	.35	....
Valeriana Alba white (Garden Heliotrope). 36 in. Fragrant flowers in June ¼ oz., 65c	.25	2.20
Rubra (Coccinea). Purple rose. 36 in. ¼ oz. 65c	.25	2.20
Mixed ¼ oz. 65c	.25	....
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft	.50	....
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft	.25	....
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft	.25	....
Olympicum. Silvery foliage, golden yellow flowers. 6 ft. ¼ oz., 90c	.35	....
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades. 2 ft ¼ oz., 80c	.35	....
Verbena Bonariensis. Improved. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft ⅛ oz., 70c;	.35	....
Veronica. Spicata. Various shades. 1½ ft. ¼ oz., 80c	.35	....

VIOLA Cornuta. In Flower All Summer

Seeds of Biennials and Hardy Perennials

Viola

In most cases the true Violas are a better bedding subject than many Pansies.

	Trade pkt.	Oz.
Cornuta Admiration. Very large circular dark blue flowers. 8 in. ..... ⅛ oz., $1.00; ¼ oz., $1.75	$0.50	$5.50
Apricot, tinted orange at base ..... ⅛ oz., $1.10	.50	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant ..... ⅛ oz., $1.50; ¼ oz., $2.60	.50	8.00
Avalanche. Giant pure white	$0.50	....
Blue Beauty. Bright blue, early, free flowering ..	.50	....
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield ..... ¼ oz., $1.20	.50	$4.00
Blue Perfection. Light blue, large flowered. 8 in. ..... ⅛ oz., $1.00; ¼ oz., $1.75	.50	5.50
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange ..... ¼ oz. $2.25	.50	....
Chinese Blue is a round-faced type of Viola. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott ..... ¼ oz., $2.60; ⅛ oz., $1.50	.50	8.00
Ilona. Wine-red	.35	....
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering ..... ⅛ oz., $2.00	.50	....
King Henry. Rich violet blue lavender center with small yellow eye ..... ⅛ oz., $1.00	.50	....
Lutea Splendens. Chrome yellow. 8 in. ..... ¼ oz., $1.20	.50	4.00
Papilio. Blue and white. 6 in. ..... ¼ oz., $1.25	.35	....
Yellow Gem. Compact habit, clear yellow flower ..... ¼ oz., $1.20	.35	....
White Perfection. White. Large flowered. 8 in. ..... ¼ oz., $1.35	.35	4.80
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture ..... ¼ oz., $2.60; ⅛ oz., $1.50	.50	8.00
Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tone effect without blotches ..... ¼ oz., $3.00; ⅛ oz., $1.75	.50	10.00

Viola—Various Types

	Trade pkt.	Oz.
Blue Elf. 9 in. The upper petals are deep violet blue, lower petals light violet blue with gold eye and black lines radiating from center, small dark green foliage ..... ⅛ oz., $1.40; 1/16 oz., 80c	$0.50	....
Baby Delight. Early flowering, blooming in 70 days from seed. Makes compact bushy growth. The flower is lovely light blue, with a pleasing "face," about one inch in diameter ... ¼ oz., $1.50	.35	$5.00
Mrs. A. H. Scott. 4 in. Top petals white, lower violet purple very bright. An excellent rock plant ..... ¼ oz. $1.50	.35	5.00
Florariense. Beautiful lavender	.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow ..... ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Helen Mount. Average height about 8" with about a 12" spread of plant. Narrow, bushy foliage. Very free blooming. Two upper petals rich violet, two smaller lower petals are lavender and the lower petal or lift is canary yellow with black lines radiating from the eye. ..... ⅛ oz., 75c	.35	4.40
Nigra (Black Imp). Interesting and attractive little pansy, pretty small black flowers ..... ⅛ oz., $1.00	.50	....
Odorata Semperflorens Blue Sweet Violet	.35	....

Annual Wallflowers

Their deliciously scented flowers are a worthwhile early Spring crop when grown in a limited way. They like rich soil and a temperature of 45 to 50 degrees.

	Trade pkt.	Oz.
Double Annual "Early Wonder Mixed." This remarkable Wallflower comes into bloom within five months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft. ..... ¼ oz., 60c;	$0.25	$2.00
Annual Blood-Red	.20	.80
Yellow, 20 in.	.20	.80
Yucca Hardy Varieties Mixed ..... ¼ oz., 70c	.25	....

ANNUAL FLOWER SEEDS FOR FALL SOWING

Antirrhinum	Dianthus (Annual pinks)
Calendula	Gilia Capitata
Calliopsis	Gypsophila
Candytuft	Hunnemannia
Centaurea Cyanus	Larkspur
Cosmos	Mignonette
Cynoglossum (Chinese Forget-me-not)	Poppy Shirley

Summer Flowering Bulbs

FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	1000
2¼–2½ inch	$2.75	$20.00	.....
2½–2¾ inch	3.50	25.00	.....
2¾–3 inch	4.50	30.00	.....

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55–58 degree temperature at night.

	Belgium Grown			California Grown		
	Doz.	100	1000	Doz.	100	1000
Double Camellia-flowered, Separate Colors:						
Small size	$1.15	$ 7.00	$ 60.00	$2.00	$12.00	$112.50
Medium size	1.75	11.00	100.00	2.50	16.00	155.00
Large size	2.25	15.00	140.00	3.00	20.00	190.00
Carnation-flowered, Separate Colors:						
Medium size	....	.....	.....	2.50	16.00	155.00
Large size	....	.....	.....	3.00	20.00	190.00
Pendula or Hanging Basket Type	1.75	11.00	100.00	2.50	16.00	155.00

Write for prices on Begonias Multiflora Hybrids.

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7 inch circumference	$ .80	$ 5.50	$ 50.00
7 to 9 inch circumference	1.45	9.00	85.00
9 to 11 inch circumference	2.00	15.00	145.00
11 to 12 inch circumference	4.50	30.00	275.00

CALLAS YELLOW

	Doz.	100
2–2½ inch	$2.35	$17.00

GLOXINIAS

	Doz.	100	1000
1¼–1½ inch	$1.75	$11.00	$105.00
1½–2 inch	2.75	18.00	150.00

HYACINTHUS CANDICANS

Summer Hyacinth. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	Doz.	100	1000
1½ to 1¾ inches	$0.80	$5.50	$50.00
1¾ inch and up	1.00	6.50	60.00

ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy.. 2.50 17.00 .....

LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

We take out Lilies from cold storage only on the 1st and 15th of each month.

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100	1000
6 to 7-inch	$1.75	$11.00	$100.00
7 to 8-inch	2.00	14.00	125.00
8 to 9-inch	2.35	17.00	160.00
9 to 10-inch	3.25	22.50	215.00

LILIUM PHILLIPINENSE WILSONI

A superior form of the trumpet lily which is fast becoming one of our most popular species. The flowers are pure white with an emerald-green throat and are shaded externally with violet. Bears up to eight flowers on stems 4 to 6 feet tall. Fragrant. One of the latest to flower, blooming from September to October. Doz. **$2.75**; per 100 **$20.00.**

MADEIRA VINE

One of the best and most popular climbers for foliage effect.

2 to 3 inches	$0.60	$4.00	$35.00
3 inches and up	.80	5.50	50.00

MILLA BIFLORA

Stars. Showy white flowers, two inches in diameter, with six petals not quite separated. The stems are wiry, 12 to 18 inches tall. Very free blooming from July to September. Flowers cut well and have a pleasant Lily-like fragrance. Should be dug in fall, except in milder climates

	Doz.	100	1000
	$1.00	$6.50	$60.00

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet. They do best in a light loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply.

	Doz.	100	1000
Regular Mixed	$0.90	$6.00	$55.00
Earlham Large-Flowered Hybrids. Mixed. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 inches	1.15	7.50	70.00

OXALIS

	100	1000
Pink or White	$3.00	$20.00

TIGRIDIA

Shell Flower of Mexico. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	Doz.	100	1000
Separate Colors	$1.00	$6.50	$60.00
Mixed	.90	6.00	55.00

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 inch	$8.00	$75.00
	Second size, 3 to 4 inch	4.00	35.00
Mexican Single		4.50	40.00

ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	Doz.	100	1000
Candida White	$0.45	$3.00	$25.00
Rosea Pink	.90	6.00	55.00

VAUGHAN'S GLADIOLI

SNOW PRINCESS

ROSA VAN LIMA

While the crop of Gladiolus is larger than last year the Fusarium yellows and bulb rot disease will cut in heavy in some growers stocks. This will make the larger sizes short, therefore we suggest that when you get this catalogue you will get your orders placed at once so we can set aside your order for delivery whenever you want from January to June 15th.

Please allow us to send good substitutes in case we are out of the variety you order.

	100	1000
ALGONQUIN. Brilliant scarlet. **First Size**	$4.00	$35.00
Second Size	3.50	30.00
ALLADIN. Bright reddish salmon with cream blotch.		
First Size	3.50	30.00
Second Size	3.00	25.00
BAGDAD. Smoky old rose. **First Size**	3.75	32.50
Second Size	3.50	27.50
BEACON. Salmon-scarlet. **First Size**	2.65	21.00
Second Size	2.25	17.00
BETTY NUTHALL. Light coral, pale orange throat.		
First Size	2.65	21.00
Second Size	2.25	17.00
BERTY SNOW. Lavender. **First Size**	3.75	32.50
Second Size	3.50	27.50
BLUE BEAUTY. Fine medium blue. **First Size**	4.00	35.00
Second Size	3.50	30.00
CAMELIA. Blush white tinted pink. **First Size**	3.75	32.50
Second Size	3.50	27.50
CHAMOUNY. Tall dark rose bordered silver. **First**		
Size	4.00	35.00
Second Size	3.50	30.00
CHARLES DICKENS. Violet purple. **First Size**	3.75	32.50
Second Size	3.50	27.50
CORONA. New light pink with creamy-white throat.		
First Size	3.75	32.50
Second Size	3.50	27.50
DEARBORN. Deep flesh color, light coral reflex tip, amber yellow. **First Size**	4.00	35.00
Second Size	3.50	30.00
DEBONAIR. La France pink. **First Size**	2.75	22.50
Second Size	2.25	17.00
DR. F. E. BENNETT. Gigantic red. **First Size**	3.50	30.00
Second Size	3.00	25.00
EARLY ROSE. Rich rose, lighter in throat. **First Size**	2.75	22.50
Second Size	2.25	17.00
ELIZABETH THE QUEEN. Fine ruffled lavender.		
First Size	6.00	55.00
Second Size	5.50	50.00
ETHEL CAVE-COLE. New large light pink. **First Size**	3.75	32.50
Second Size	3.50	27.50
FLAMING SWORD. Scarlet, early. **First Size**	2.50	18.00
Second Size	2.00	15.00
GOLD DUST. Golden yellow. **First Size**	$3.00	$25.00
Second Size	2.60	20.00
GOLD EAGLE. Tall, deep yellow. **First Size**	2.65	21.00
Second Size	2.25	17.00
GOLDEN DREAM. Clear, deep yellow. **First Size**	3.50	30.00
Second Size	3.00	25.00
KING LEAR. Deep reddish purple. **First Size**	3.75	32.50
Second Size	3.50	27.50
LAVENDER RUFFLES. Medium lavender. **First**		
Size	4.00	35.00
Second Size	3.50	30.00
LEADING LADY. Large cream white. **First Size**	11.00	100.00
Second Size	10.00	90.00
LULU HUNT. Geranium-pink blending to shrimp center. **First Size**	2.75	22.50
Second Size	2.25	17.00
MAID OF ORLEANS. Milky white, cream throat.		
First Size	3.00	24.00
Second Size	2.60	20.00
MARGARET BEATON. White with orange-red blotch in throat. **First Size**	3.00	25.00
Second Size	2.65	21.00
MARGARET FULTON. Rose-salmon. **First Size**	2.50	18.00
Second Size	2.00	15.00
MINUET. Best lavender. **First Size**	5.00	45.00
Second Size	4.50	40.00
MISS BLOOMINGTON. Deep lemon-yellow.		
First Size	2.75	22.00
Second Size	2.25	17.00
PEGGY LOU. Shrimp pink. **First Size**	3.00	25.00
Second Size	2.60	20.00
PELEGRINA. Deep blue. **First Size**	4.00	35.00
Second Size	3.50	30.00
PHYLLIS McQUISTON. Deep pink. **First Size**	2.75	22.50
Second Size	2.25	17.00
PICARDY. Delicate apricot pink. **First Size**	3.00	25.00
Second Size	2.60	20.00
Third Size	2.00	15.00
PINK RADIANCE. Clear light pink with recurve petals. **First Size**	7.00	65.00
Second Size	6.50	60.00
RED PHIPPS. Fine red. **First Size**	3.75	32.50
Second Size	3.50	27.50
ROSA VAN LIMA. Bright pink with light throat.		
First Size	3.00	24.00
Second Size	2.60	20.00
SHIRLEY TEMPLE. Ruffled cream. **First Size**	4.00	35.00
Second Size	3.50	30.00
SILENTIUM. Improved Margaret Beaton—white with red throat. **First Size**	3.75	32.50
Second Size	3.50	27.50
SNOW PRINCESS. A very fine white. **First Size**	3.00	24.00
S cond Size	2.60	20.00
STOP LIGHT. Dazzling red. Very good spike. **First**		
Size	5.00	45.00
Second Size	4.50	40.00
SPOTLIGHT. Deep yellow, red throat. **First Size**	30.00	250.00
Second Size	25.00	205.00
TOKEN. Flame salmon with yellow throat. **First Size**	2.75	22.50
Second Size	2.25	17.00
VALERIA. Best red. **First Size**	5.50	50.00
Second Size	5.00	45.00
VAGABOND PRINCE. Mahogany brown with flame blotch. **First Size**	4.00	35.00
Second Size	3.50	30.00
WHITE GOLD. Large cream. **First Size**	5.00	45.00
Second Size	4.50	40.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. **First Size**	2.50	18.00
Second Size	2.00	14.00

EXTRA FINE MIXTURE

A mixture of fine, popular, higher priced varieties, containing a fine range of colors. **First Size**	$3.00	$25.00
Second Size	2.60	20.00

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. **First Size.**	4.00	35.00
Second Size	3.50	30.00

Perennial Plant Specialties

We list and describe below plants of perennials which are much in demand, including recent introductions. These are heavy rooted, healthy, field grown plants. 25 Plants—at the 100 Price. Not Less Than 25 of Any One Variety Can Be Ordered.

ALYSSUM (Rock Madwort)

Saxalite Compactum (Basket of Gold). Excellent plant for the rockery or borders. One of the showiest spring flowers with its large clustered blooms of bright yellow. Grows from 10 to 12 inches high. Very Hardy. Blooms April and May. Per 100, $11.00.

ANCHUSA (Sea Bugloss)

Italica Dropmore (Alkanet). Grows 5 to6 feet tall and makes a splendid background plant. Bears loads of true gentian flowers in June. Very hardy and sturdy. Per 100, $12.00.

AQUILEGIA (Columbine)

These are among the most beautiful of hardy plants and the most important parts of the hardy perennial garden. Their presence will lighten up even the most formal planting and their colorful blooms are unexcelled for cutting.

Crimson Star. One of the finest and most striking Aquilegias we know of. Bright Crimson with the inside of the bloom a waxy white. Probably the largest flowering of the Columbines. Good for cutting as blooms keep exceptionally long. Per 100 $18.00.

Longissima. (Longest Spurred). One of the finest Columbines. Flowers are extra large, of the finest quality and their clear yellow color lends charm to any planting. Per 100, $15.00.

Mrs. Scott Elliott's Hybrids. Unquestionably the finest color mixture grown. Flowers are large, have long spurs and the colors cover all shades of lavender, purple, red, white, yellow, blue and pink. Per 100, $12.00.

ARABIS (White Rock Cress)

Alpina. A splendid creeping plant which seldom grows over 12 inches high. Bears masses of white blossoms in early spring. Foliage is very ornamental balance of the year. Per 100, $11.00.

ARTEMISIA (Southernwood)

Silver King. A striking contrast plant with light silvery gray foliage. Much used in mixed bouquets. May be cut and dried for winter use. We offer well rooted cuttings. Per 100, $11.00.

HARDY CARNATION (Carnation Grenadin)

Almost a necessity in your garden. These hardy outdoor carnations have unlimited uses. For spots of bright color, for cutting and for fragrance they are unexcelled. Bloom practically all through the summer. 18 inches.

"King of the Blacks." One of the finest hardy carnations. Large flowering and fragrant with deepest maroon color and satiny black sheen. Per 100, $11.00.

Golden Sun. Sweet scented, golden yellow. Per 100, $11.00.

Pink. We highly recommend this for clear pink color. Per 100, $11.00.

Red. Really brilliant color and very profuse habit of bloom makes this much desired. Per 100, $11.00.

White. To complete the color range in your carnation planting be sure to include this one. Per 100, $11.00.

COREOPSIS (Tickseed)

One of the most useful perennials for borders and for cutting. Very easy to grow and produce golden yellow blooms in great profusion throughout the summer.

Double Sunburst (New Gold). A new variety which bears double flowers of good color. Keeps exceptionally well when cut. Large plants. Per 100, $12.00.

DIGITALIS (Foxglove)

Giant Shirley Hybrids. This elegant strain of an old fashioned flower grows to 4 feet high, ideal for tall colorful backgrounds. The color mixture is superb. We heartily recommend this variety of Foxglove. Per 100, $11.00.

HARDY CHRYSANTHEMUMS FROM 2¼" POTS

Choice Hardy Garden Chysanthemum

Avalanche. One of the best whites. Four inch flowers. A perfect early blooming cut flower on tall stems. Per 100, $15.00.

Early Wonder. New, large soft pink pompons. Excellent for cutting. Blooms early October. Height 38 inches. Per 100, $15.00.

Harbor Lights. Pale yellow and creamy white pompon. Prolific early bloomer. Height 24 inches. Per 100, $15.00.

Lavender Lady. A true lavender. Three inch flowers spaced perfectly on branching spray. One of the most popular mums. Per 100, $15.00.

Mrs. Pierre S. DuPont III. Soft peach tinted rosy-salmon. Large flowers on tall branching stems. Blooms early October. Per 100, $15.00.

Red Velvet. Velvet crimson, does not fade. Sturdy growth. Flowers early October. Per 100, $15.00.

Ruby Pompon. An exciting ruby-crimson pompon. Upright and very profuse bloomer. Flowers in October. 26 inches tall. Per 100, $18.00.

Chrysanthemums, Chicago Strain

Candlelight. Well formed flowers of Creamy-ivory; Prolific bloomer. Early September. Height 22 inches. Per 100, $20.00.

Charles Nye. Large, fully double, rich butter-cup yellow. Mid-September. Height 26 inches. Per 100, $20.00.

Chiquita. Deep Lemon-yellow pompon. Early October. Height 22 inches. Per 100, $20.00.

Glowing Coals. Bright Cherry-red with orange reverse. One of the best early reds. Blooms early September. Height 26 inches. Per 100, $20.00.

Heatherbloom. Very double, heather pink, center shaded Rose-red with gold tippings. Early September. Height 24 inches. Per 100, $20.00.

Murmurs. Amaranth-pink aging to clear mellow purple, petals broad and incurved. Early September. Height 24 inches. Per 100, $20.00.

Olive Longland. Apricot-tone Salmon-pink. The best of the so-called pastel shades. Early September. Height 24 inches. Per 100, $15.00.

English Mums

Alabaster. Pure white, large size and good substance. Incurved five inch flowers, if disbudded. Mid-September. Height 30 inches. Per 100, $18.00.

Alex Mason. Rich butter-cup yellow, large incurved flowers on tall stems. Easy to grow and will make 6 inch blooms if disbudded. Late September. Height 30 inches. Per 100, $20.00.

Bronze Early Buttercup. Rich deep bronze with golden buff reverse. A fine incurved variety. Blooms early October. Height 30 inches. Per 100, $18.00.

Indiana. Glowing velvety crimson, shaded darker in the center. Good either disbudded or in sprays. Very early. Per 100, $20.00.

Leda. Beautiful rolled petals of heliotrope pink. Flowers 5 to 6 inches diameter, if disbudded. Early October. Height 30 inches. Per 100, $18.00.

Salmon Freda. A beautiful salmon pink. Tall stately stems. Blooms in October. Height 30 inches. Per 100, $18.00.

Azalea-Like Mums

Dwarf Jewel. Soft lilac lavender pompon. Per 100, $18.00.

Glacier. Absolutely pure white. Very early. Per 100, $18.00.

Joan Helen. Brilliant semi-double. Rich garnet with yellow eye. Smothered with blooms in September. One of the most beautiful. Per 100, $15.00.

Sonja. Rich satiny purple. A new and striking variety. Per 100, $15.00.

Standard Cushion Varieties

Bronze Cushion. Deep Bronze turning to coppery yellow. Per 100, $12.00.

Pink Cushion. Myriads of bright pink flowers. Per 100, $12.00.

White Cushion. Glistening silvery white blooms. Per 100, $12.00.

Red Cushion. A select rich glowing red. Per 100, $12.00.

Yellow Cushion. A distinctive bright yellow. Per 100, $12.00.

September Series

Sept. Bronze. Golden bronze. Per 100, $15.00.

Sept. Cloud. White shading to primrose. Per 100, $15.00.

Sept. Gold. Golden yellow. Per 100, $18.00.

DIANTHUS BARBATUS (Sweet William)

An old fashioned flower of which we never tire. Loads of colorful blooms are produced in June. Excellent for color masses in beds or for cutting. Very hardy, easy to grow. Height 1½-2 ft. We offer the following varieties:

EVERBLOOMING HARDY SWEET WILLIAM

Latifolius Atrococcineus Flora Plena. A beautiful summer blooming variety as it bears brilliant fiery crimson blooms all through the season. Very hardy and a sturdy grower. Per 100, $10.50.

Vaughan's Special Mixture. Excellent strain of vigorous growing plants with wide range of brilliant mixed colors. Per 100, $13.00.

DIANTHUS SWEET WIVELSFIELD (Species)

Sweet Wivelsfield. The true perennial type with single flowers in mixed colors. Fine for mixed bouquets. 18 inches. June. Per 100, $12.00.

PERENNIAL PLANT SPECIALTIES—Continued

THE WORLD'S FINEST DELPHINIUMS

The Famous Vetterle and Reinelt Pacific Hybrids

This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across; many are double, semi-double, some single. The plants are resistant to mildew and stems are wiry and strong enough to resist high winds. These are strong, well rooted field grown plants.

Black Knight. Darkest violet with black bees. Flowers 2½ to 3 inches in diameter on long, well formed spikes.

Blue Bird. Clear medium blue with white bees. 2½ inch flowers. A true blue delphinium.

Blue Jay. The color is a striking clear medium to dark blue; very intense and alive, with dark contrasting bee.

Cameliard. A bright lavender with a white bee. Three inch flowers on beautifully balanced spikes.

Galahad. The greatest achievement in giant whites. The 1947 series are outstanding in size, texture and purity of color.

Guinevere. Beautiful pink lavender with white bee. A true exhibition type and a beautiful garden plant.

King Arthur. One of the most brilliant delphiniums so far developed. Rich royal purple with large white bee.

Round Table Series. As the name implies, this represents all the color combinations of the Knights and their Ladies. Their size will make them invaluable for show purposes.

Summer Skies. Light heavenly blue with white bees. As a class this is the finest blue delphinium in existence today.

Your Choice of the above Listed Varieties—Per 100 $18.00

Belladonna Imp. Cliveden Beauty. Light blue. Per 100, **$12.00.**

Bellamosum. Deep blue. Per 100, **$12.00.**

Lamartine. Deep blue, white eye. Per 100, **$12.00.**

Blackmore and Langdon Hybrids. Mixed colors. Per 100, **$13.00.**

Wrexham Strain. Hollyhock flowered. Mixed colors. Per 100, **$13.00.**

GAILLARDIA (Blanket Flower)

For general hardiness and the profusion with which they produce their colorful blooms, the Gaillardias are in a class by themselves. Plants require only the very simplest care. Blooms keep extremely long after cutting or will make a bright color display in the perennial border.

Dazzler. One of the most brilliant of the family. Large flowering type with blooms of bright golden yellow, centered by a disc of satiny maroon. 2 ft. Per 100, **$11.50.**

Goblin, Dwarf. A true dwarf Gaillardia which deserves a place in every garden. Grows 12 to 15 inches high in very compact shape. Foliage practically disappears under the mass of large deep red and gold blooms. Per 100, **$11.50.**

Portola Hybrids. Extremely large flowering strain and noted for the wide range of deep colors which vary from reddish brown to deep gold. Makes colorful bouquets. 2 ft. Per 100, **$11.00.**

GYPSOPHILA (Baby Breath)

One of the best known perennials and much loved for the delicacy of its blooms. For misty garden beauty or when used in mixed bouquets it has no equal.

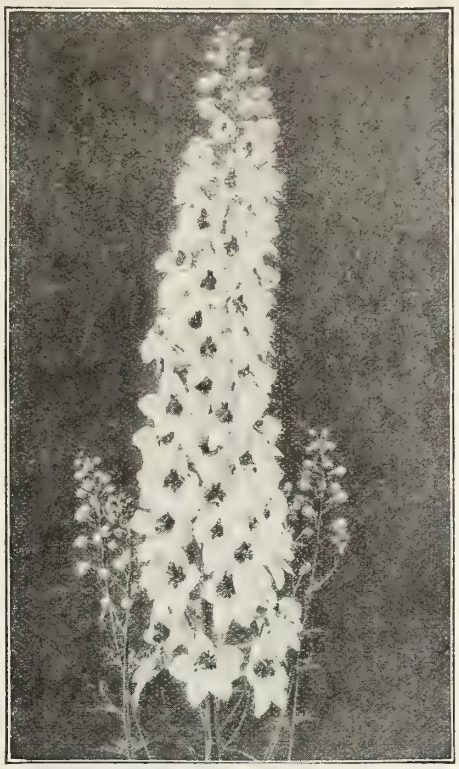
"Pacifica." Beautiful pearly pink blooms in branching panicles. Grows 18 inches tall and blooms in September and October. Excellent for use in fall bouquets. Per 100, **$12.00.**

Paniculata (Grafting Size) Dense, spreading, bushy type which reaches a height of 3 feet. Numberless tiny white blooms completely hide the plant during flowering season. May be cut and dried for winter use. Foliage is fine in texture and ornamental in rockery or border. July on till frost. Per 100, **$13.00.**

IBERIS (Hardy Candytuft)

These delightful plants have a very distinct place in the rockery or wherever a dwarf plant with evergreen foliage is needed. Very hardy and rarely exceed 18 inches in height. May be used for dwarf flowering hedge. Dense heads of blooms in early spring.

Gibraltarica. Dwarf, with evergreen foliage. Masses of lavender bloom in early spring. Splendid for edging. Per 100, **$10.50.**



DELPHINIUM Giant Hybryds

HOLLYHOCKS

No flower has more sentiment or is more closely associated with our memories than hollyhock. We have selected the outstanding variety listed below as being the best for our customers and we know you will be pleased when they bloom. May-June. 5 ft.

Chater's Double Mixed. Beautiful range of color in one of the best mixed strains. Per 100, **$11.00.**

Newport Pink. Rich, shimmering pink blooms on tall stems. Per 100, **$11.00.**

Scarlet Beauty. Brilliant scarlet color for bold backgrounds. Per 100, **$11.00.**

LAVENDULA (Lavender)

Vera (Munstead Strain). The real Sweet Lavender used and grown in our grand-mothers' day. A dwarf variety which grows in compact form, and bears exquisitely fragrant blue flowers. June-July. 18 inches. Per 100, **$13.00.**

Field Grown HARDY PHLOX

BEST OF AMERICA'S FAVORITE VARIETIES
COLORFUL NEW INTRODUCTIONS
WILL BLOOM THIS SUMMER

These are one-year well rooted field grown plants. The best size for transplanting.

Africa. The favorite deep red. Good grower and sure, heavy bloomer. Per 100, **$15.00.**

Annie Laurie. One of the best new salmon-reds. Sturdy grower. Per 100, **$15.00.**

Daily Sketch. One of the best introductions of recent years. Immense flowers of light salmon pink with carmine eye. Per 100, **$15.00.**

Dr. Klemm. Large trusses of white with diffused violet eye. Per 100, **$15.00.**

E. I. Farrington. A Phlox of distinctive beauty. Flower trusses are extremely large and color is a delightful salmon shade with slightly darker eye. Per 100, **$15.00.**

Ethel Pritchard. Rich lavender which blends well with other colors. Per 100, **$15.00.**

Flash. Rich dark crimson with orange-scarlet center. Per 100, **$15.00.**

Harvest Fire. A brilliant salmon orange. Per 100, **$18.00.**

PHLOX—Continued

July Lights. A brilliant carmine red with blood red eye. Per 100, **$15.00.**

Leo Schlageter. One of the brightest and flashiest of all red Phlox. Sturdy grower and very free bloomer. Per 100, **$15.00.**

Lillian. One of the most distinctive new Phlox ever introduced. Unusually large trusses of charming soft pink. Per 100, **$15.00.**

Miss Lingard. Long accepted as one of the best cutting varieties, pure white. Splendid for bouquets and mixed floral arrangements. Per 100, **$18.00.**

Painted Lady. Much loved for its shimmering silvery-pink color and deep red eye. Tall, vigorous grower. Per 100, **$15.00.**

Prime Minister. Clear pure white, brilliant red center. Per 100, **$15.00.**

Royal Purple. Large flower heads of rich satiny purple on strong stems. Individual florets are large with uniformly good color. Excellent dark green foliage. Per 100, **$18.00.**

Salmon Beauty. Rich salmon pink with white eye Per 100, **$15.00.**

PACHYSANDRA

Terminalis. 2¼ in. pots. Per 100, **$12.00.**

POLYGONATUM

Multiflorum. Per 100, **$18.00.**

PYRETHRUM (Painted Daisies)

No other perennial flower seems to have the general usefulness, beauty, color, hardiness and easy culture that belongs to these gorgeous flowers. Foliage is fernlike and ornamental. Stems are strong and erect. Plants transplant easily and each one produces a liberal number of blooms during the season.

Robinson's Mixed. Finest strain of painted daisies, in mixed colors. A really great new strain. We think so much of it that we have discontinued growing any of the others. Per 100, **$14.00.**

RUDBECKIA (Cone Flower)

For tall backgrounds in the hardy perennial border these plants are indispensible.

Purpurea. The best known Rudbeckia. Rosy reddish purple petals with high cone-shaped center of dark brown. Three to four foot stems are rugged and withstand high winds. Blooms from July until frost. 3 to 4 ft. Per 100, **$12.00.**

SALVIA (Meadow Sage)

Azurea Grandiflora. A species from the Rocky Mountains. Stems are 3 to 4 feet high and willowy. During the early Autumn pale blue flowers are produced in almost unbelievable profusion. Ideal for color in the perennial border. Keep well when cut. Per 100, **$11.00.**

SCABIOSA (Pincushion Flower)

Strong and vigorous growing plants with an unusually free blooming habit. Handsome as border plants and especially fine as cut flowers.

Isaac House Hybrid. Extra large flowering strain noted for the variations of colorings in its blooms. All shades from light blue and lavender to deep blue appear throughout the blooming season. Per 100, **$17.00.**

STATICE (Great Sea Lavender)

Latifolia. Grows in fine lace-like form with a profusion of misty purplish-blue blossoms. May be cut and dried for winter bouquets. Unexcelled for filler in floral arrangements. Grows 18 inches high. Per 100, **$11.00.**

TRITOMA (Red Hot Poker)

Pfitzeri. A very spectacular plant with foliage resembling that of the Yucca. Twenty-four inch stems, each topped with a large cone-shaped spike of dazzling orange. Make a brilliant color display for the Autumn garden. Field Grown, Transplanted Plants. Per 100, **$19.00.**

VALERIANA (Garden Heliotrope)

Coccinea Rubra. Bright red flower heads are borne in abundance on 12 inch stems all through the summer months. Rich green foliage is ornamental and adds to the beauty of the plant. Thrive in rich soil in full sun. Per 100, **$12.00.**

VERONICA (Speedwell)

Longifolia. Reaches height of about 30 inches and is a beautiful sight in July and August with its long spire-like spikes of deep blue. Per 100, **$13.00.**

Greenhouse Plant Department

AVOID DISAPPOINTMENT

Place your orders now for plants required for next year. More and more customers are ordering months in advance, and our orders are now the heaviest in our experience.

AFRICAN VIOLETS

Saintpaulia

	Per 100	Per 1,000
Blue Boy. 2 inch	$20.00	.....
3 inch	35.00	.....

The following variety sold under license agreements.

Pink Beauty. A pink Sport of Blue Boy. (No shipments less than 100). 2¼ inch	25.00	.....

AGERATUM

No RC orders less than 100

Riverside Imp. Dwarf, large head of bloom. Rooted Cuttings.	2.25	$20.00
Purple Beauty. Dwarf. Rooted Cuttings	2.25	20.00
2¼ in. on all the above	6.00	50.00

ASPARAGUS Plumosus Nanus or Sprengeri

	Per 100	Per 1,000
Seedlings	$3.00	$28.00
2¼-inch	10.00	95.00

	Per 100
Aloe. Assorted varieties, 2¼ inch, fine for dish gardens	$15.00
Achyranthus Brilliancy. 2¼ inch	8.00
Beloperone Guttata. 2¼ inch	10.00
Buddleias, Hartwegi, Eleanor, Charming and Debonnet. 2¼ inch	10.00

AZALEAS

For Growing On

Kurume Varieties

Spring delivery, 1948, f.o.b. Apopka, Fla. Coral Bells, Hexe, Salmon Beauty, Hinodegiri, Snow, Pink Pearl, Orange Coral Bells.

	Per 1,000
Rooted Cuttings	$ 50.00
Transplants. Strong, 3 to 5 branched plants	100.00
Transplants. Heavy, 5 to 10 branched plants	125.00

Large Sizes Kurume Varieties

Spring delivery, 1948, f.o.b. Dayton, Ohio—Same varieties as above.

	Per 100
3 to 5 in.	$ 20.00
4 to 6 in.	30.00
6 to 8 in.	50.00
8 to 10 in.	75.00

Pericat Varieties

Spring delivery, 1948, f.o.b. Apopka, Fla. Sweetheart Supreme, Madam Pericat, Jersey Belle, Gardenia Supreme. (Additional varieties on request).

	Per 100	Per 1,000
Rooted Cuttings	.....	$ 75.00
Transplants	.....	150.00
3 to 5 in., well shaped, f.o.b. Dayton, Ohio	$30.00	.....
4 to 6 in., well shaped, f.o.b. Dayton, Ohio	50.00	.....
6 to 8 in., well shaped, f.o.b. Dayton, Ohio	75.00	.....

Large Flowered Double Indicas

Spring delivery, 1948, f.o.b. Apopka, Fla. Triomphe, Jean Haerens, Vervaeneana, Vervaeneana Alba, Paul Schame, Eclaireur.
(Other varieties on request)

	Per 100	Per 1,000
Rooted Cuttings	.....	$ 75.00
Transplants	.....	150.00
3 to 5 in., well shaped, f.o.b. Dayton, Ohio	$30.00	.....
4 to 6 in., well shaped, f.o.b. Dayton, Ohio	50.00	.....
6 to 8 in., well shaped, f.o.b. Dayton, Ohio	75.00	.....

Budded Dormant Stock

Kurume Varieties

Well grown, heavy budded plants for October delivery, 1948, f.o.b. Dayton, Ohio. Coral Bells, Hexe, Salmon Beauty, Hinodegiri, Snow, Pink Pearl, Orange Coral Bells.

	Per 100
4 to 6 in.	$ 50.00
6 to 7 in.	75.00
7 to 8 in.	100.00
8 to 10 in.	125.00
10 to 12 in.	150.00
12 to 14 in.	200.00

Pericat Varieties

Well grown, heavily budded plants for October delivery, 1948, f.o.b. Dayton, Ohio. Sweetheart Supreme, Madam Pericat, Jersey Belle, Gardenia Supreme.

	Per 100
4 to 6 in.	$ 50.00
6 to 7 in.	75.00
7 to 8 in.	100.00
8 to 10 in.	125.00
10 to 12 in.	150.00
12 to 14 in.	200.00

Indica Varieties

Well grown, heavily budded plants for October delivery, 1948, f.o.b. Dayton, Ohio. Triomphe, Jean Haerens, Vervaeneana, Vervaeneana Alba, Paul Schame, Eclaireur, Niobe.

	Each
6 to 8 in.	$ 1.00
8 to 10 in.	1.50

Potted Coral Bells for Christmas Flowering

(Pre Cooled)

Shipping date November 15th, 1948, f.o.b. Dayton, Ohio.

	Each
5 in.	$ 1.00
6 in.	1.50
7 in.	2.00

CALADIUMS—Vaughan's

Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

FANCY-LEAVED CALADIUM

CALADIUMS are easily grown but should not be put in a Carnation temperature. Start the bulbs in flats, turning them upside down, since this is a crown-rooting bulb and the roots come out around the top (center) eye. This direct contact with the growing medium produces roots more quickly than the opposite method. Use a mixture of one part leaf-mold, one part good garden loam, and one part peat moss or other coarse neutral material, throwing in a small amount of coarse charcoal or other rubble for drainage. Press the bulb halfway into the soil and place the flats under a bench. The flats can also be placed on top of the flows, but if this is done, they should be shaded. The temperature should be 80 to 85 degrees or higher, as the higher the temperature, the better starting results you will have. Be careful that the flats do not dry out if placed either on the flows or returns. Water sparingly until the bulbs begin to sprout and have roots 4 to 6 inches long. When the sprouts begin to show, place the bulbs in 5 or 6-inch pots, using a good rich leaf-mold. Water copiously when in full growth and use weak liquid manure once weekly if possible.

	Doz.	Per 100	Per 1,000
No. 1 Size, 1½" to 2½" Dia.			
Assorted	$2.50	$15.00	$140.00
Named Varieties	2.50	17.00	150.00
Jumbo Size, 2½" to 3½" Dia.			
Assorted	3.50	21.00	205.00
Named Varieties	3.50	24.00	235.00
Mammoth Size, 3½" and up Dia.			
Assorted	4.50	34.00	335.00
Named Varieities	4.50	38.00	375.00

BEGONIA

Standard Varieties. 2¼-inch	10.00	95.00
Lady Mac, Marjorie Gibbs and Melior. 2¼-inch	35.00	.....

CANNAS

Dormant Roots ready for February 1st, 1948.

City of Portland. 3½ ft. Compact, luxuriant, dwarf growth. Leaves green. Flowers rosy pink	6.50	60.00
Dorothy S. A new dwarf, continuous flowering, clear salmon red canna. A sport of President. Produces large flowers and grows 4 ft. tall. Very vigorous and drought-resistant	8.00	75.00
King Humbert. 4 ft. scarlet flowers, bronze leaves, greatest favorite today	6.50	60.00
Yellow King Humbert. 4 ft. An orchid flowering sport of the well known variety King Humbert	6.50	60.00
The President. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage	6.50	60.00
Hungaria. 3½ ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink	6.50	60.00

Prices are F.O.B. Shipping Point.

We assume no transportation risk after shipping in good order. Should goods arrive in bad order, we would suggest that they be accepted under protest, and complaint filed against carrier.

Soft plants are not shipped to distant points by freight.

Billing—50 of any one variety at the 100 rate; 250 at the 1000 rate, except as noted.

Packing will be charged on all orders at cost.

No C. O. D. Shipments.

All foregoing prices subject to change without notice.

Greenhouse Plant Department

CALCEOLARIAS

	Per 100	Per $1,000
Multiflora Nana and Ramona. 2¼-inch	$16.00	$150.00
Pink Beauty, Stewartii, Pure Flame, Cherry Queen and other hybrids	25.00	.....

CARNATIONS

WHITE		
Colonel Blimp	20.00	150.00
*White Briry	15.00	125.00
Northland	15.00	125.00
Mercury	15.00	125.00
Arundel	12.00	100.00
Olivette	8.50	75.00
Puritan	7.00	60.00
LIGHT PINK		
*Netta. Sold out	20.00	150.00
Hercules	15.00	125.00
Virginia	8.50	75.00
MEDIUM PINK		
Virginia Rose	8.50	75.00
Peter Fisher	8.50	75.00
DEEP PINK		
Virginia Miller	15.00	125.00
John Briry	8.50	75.00
D. P. Fisher	8.50	75.00
LIGHT SALMON PINK		
*Charm	20.00	150.00
Salmon Virginia	12.00	100.00
Ida	8.50	75.00
SCARLET		
*William Sim	20.00	150.00
No. 16 Red	15.00	125.00
Red Seth Parker	12.00	100.00
Victory Red	12.00	100.00
MISCELLANEOUS		
Pelargonium	15.00	125.00
Scarlet King	15.00	125.00
Miller's Yellow	12.00	100.00
C. W. Weld	12.00	100.00

MINIMUM ORDER 100 CUTTINGS OF ONE VARIETY

250 AT THE 1000 RATE

Sorry we can accept no orders specifying delivery date. All orders will be shipped in rotation, in the order in which they are received.
*Sales restricted. Agreements must be signed.

CARNATION Virginia Dare

This is an extra large and very full-bodied sport of Virginia.

Production, keeping quality, color and other characteristics, including non-splitting, identical with Virginia. Awarded Silver Medal at National Flower Show 1941; Special first prize at 1942 National Flower Show, and first prize at 1942 Northwest Flower Show. Sold only under propagating agreement.

Price: $20.00 per hundred; $150.00 per thousand; 250 at 1,000 rate.

CINERARIAS

	Per 100	Per 1,000
Cremer's Prize Mixture and Siter's Strain. 2¼-inch	$10.00	$95.00

COLEUS

Standard varieties, 2¼ inches	10.00	95.00

(500 at 1,000 rate on all of above)

CYCLAMEN

Write for quotations on the sizes that you require.

DAISIES

Yellow, rooted cuttings	4.00	35.00
Michelson's White, rooted cuttings	4.00	35.00
2¼ in. size on both of above	9.00	85.00

FUCHSIAS

Standard Varieties. 2¼ inch	10.00	95.00

GERANIUMS

	Per 25		
Lady Esther. A distinctive new seedling of great merit. It is a good grower, which blooms early and profusely. It propagates easily. Its foliage is well marked and the cream-colored main stem, leaf and flower stems make a striking contrast with the medium-dark red flowers, 2¼ inch	$5.00	15.00	140.00
Brooks Red, Olympic, Pink Fiat, 2¼ in.	5.00	12.50	120.00
Red Fiat, Ricard, Wyona, Radio Red, Lorelei, Poitevine, Buchner. 2¼ in.	3.50	11.50	110.00

(500 at 1000 rate.)

HYDRANGEAS

Pot Grown Hydrangeas—(5-in. Pots)

December delivery, 1948, Hamburg, Europa, Kuhnert, Strafford, Regula, Merveille.

2-4 branched	$0.50 each
3-5 branched	.75 each
4-7 branched	.85 each

Novelties

"Bobby Merritt," "Jean Merritt" Caprice, Daphne, Engel's White, "Merritt's Beauty," Strafford.

R.C. $20.00; 2-in., $30.00; 3-in., $40.00; 4-in., $50.00; 5-in., $60.00; 6-in., $80.00; 7-in., $125.00.

Recent Introductions

Altona, Europa, Hamburg, Kuhnert, Merveille, Regula, Rosabelle.

R.C. $12.00; 2-in., $18.00; 3-in., $25.00; 4-in., $40.00; 5-in., $50.00; 6-in., $75.00; 7-in., $85.00.

Standard Varieties

Ami Pasquaar, Gertrude Glahn, Goliath, Louis Savage, M. Baardse, Niedersachsen.

R.C. $6.00; 2-in., $10.00; 3-in., $18.00; 4-in., $35.00; 5-in., $45.00; 6-in., $70.00; 7-in., $85.00.

Our Selection of Varieties

Billed according to varieties shipped

Order rooted cuttings and 2-in. Hydrangeas now for Spring Delivery 1948

IVY

English Broad Leaf. 2¼ inch	$ 7.00
Grape (Vitis Rhombifolia). 2¼ inch	11.00
Self Branching. 2¼ inch	10.00

LANTANAS

	Per 100	Per 1,000
All the best colors 2¼ ins.	$9.00	$85.00

PELARGONIUMS

Azalea	Lavender Queen	Mrs. Mary Bard
Edith North	Mrs. Layal	Giant Venus
Orchid Edith North	Marie Vogel	Mrs. F. Bachler
Springtime	Grossmama Fischer	Pink Vogel
Easter Greeting	Faiss' Triumph	Edith Cavell
Lucy Becker	Salmon Springtime	MacKay No. 2
German Glory	Santa Monica	MacKay No. 10
Gardener's Joy	Ruth W. McAfee	MacKay No. 12
	Beverly Hills	

Size	Per Dozen	Per 100	Per 1,000
2 inch	$2.40	$17.00	$165.00
3 inch	3.25	24.00	230.00

PETUNIA

Colossal double, pink shades, 2¼ in.	10.00	95.00

Peperomia Obtusifolia. 2¼ inch	10.00
Pericata. 2¼ inch	15.00
Pericata. 2½ inch	20.00
Obtusifolia Variegated (Silver Leaf). 2¼ inch	15.00
Sandersii (Watermelon Begonia). 2¼ inch	20.00
Philodendron Cordatum. 2¼ inch	15.00
Pothos Aurea. 2¼ inch	15.00

POINSETTIA STOCK-PLANT PRICE LIST FOR 1948

ON ORDERS PLACED NOW

Albert Ecke (the finest colored commercial pot-plant variety), Variegated Ruth Ecke, and Ecke's White, field-grown plants per 100; Jumbo $100.00; No. 1 $80.00; No. 2 $60.00; No. 3 $50.00; No. 4 $35.00; No. 5 $25.00.

Indianapolis Red, per 100: Jumbo $150.00; No. 1 $120.00; No. 2 $90.00; No. 3 $60.00; No. 4 $40.00; No. 5 $25.00.

Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, Double Henriette Ecke, Barbara Ecke, St. Louis, and Pink, field-grown plants per 100: Jumbo $95.00; No. 1 $70.00; No. 2 $50.00; No. 3 $35.00; No. 4 $25.00; No. 5 $20.00.

At the present time we are in a position to reserve for you any amount in any size of all varieties.

The above prices are f.o.b. eastern cities, c/o Railway Express Agency, on orders placed **NOW** for April 1948 delivery. **ON ORDERS PLACED AFTER JANUARY 1st, A TEN PERCENT PACKING CHARGE WILL BE MADE.**

PRIMULA

	Per 100	Per 1,000
Primula Malacoides seedlings	$ 5.00	47.50
Primula Malacoides 2¼ in.	10.00	95.00
Primula Obconca 2¼ in.	10.00	95.00

(500 at 1.000 rate.)

VERBENA

Schlosser's Pride, Schlosser's Rose, Scarlet King, Mayflower, Helen Wilmott, Royal Purple, Beauty of Oxford, cerise, Beauty of Oxford, pink, Beauty of Oxford, scarlet, Beauty of Oxford, lavender, Gigantea Alba.

Rooted Cuttings	2.25	20.00
2¼ inches	6.50	60.00

VINCA

Variegata, 2¼ in	10.00	95.00

Vaughan's Chrysanthemum Rooted Cuttings

GENERAL INFORMATION

Our Mum stock is lighted to take care of orders for out of season flowering. There will be rooted cuttings available at all times.

Please indicate the earliest date delivery which will be acceptable and the maximum number of cuttings that can be handled in a single shipment.

In all cases where we are unable to ship very close to the requested delivery date, we will indicate our best estimate of delivery of each variety on the acknowledgement of the order. We suggest that you advise us whether you prefer to accept delivery as indicated or prefer that we substitute to the best of our ability.

TERMS OF SALE

1. Fifty rooted cuttings of one variety is the minimum order that can be accepted.
2. More than fifty of a variety must be in multiples of fifty.
3. Quantity discounts have been discontinued. No quantity discounts allowed regardless to size of order.

PRICE OF UNROOTED CUTTINGS

Less than 500 of a variety	500 to 950 of a variety	1000 and up of a variety
Same as price of rooted cuttings	50c less per 100 than rooted cuttings	$1.00 less per 100 than rooted cuttings

1948 Chrysanthemum Novelties

CONSTELLATION (Yoder Bros., Inc.) Yellow Decorative—November 5. The two outstanding features of this variety are its uniformity in response to black cloth shading and its dependability as a high producer of quality flowers. Constellation has consistently yielded as high as the most productive of the commercial varieties. With the use of light and shade we recommend this variety for flowering from May 5 to November 15. **$8.00 per 100.**

SENECA (Yoder Bros., Inc.) Orange Bronze Decorative—November 5. The earliest bronze pompon in the cloth house shading program. It holds its color well. It is a better producer than Navaho. It is the most reliable bronze pompon for early shading. **$8.00 per 100.**

TALLY-HO (Yoder Bros., Inc.) Yellow Intermediate Pompon—November 15. A quality pompon. It is very similar in many respects to the variety Princeton and complements this variety in being a clear yellow and a well-rounded hard pompon. **$8.00 per 100.**

YELLOW QUEEN (Yoder Bros., Inc.) Yellow Sport of Orchid Queen—November 10. Highly recommended for natural flowering and delayed flowering into Thanksgiving season by the use of artificial light. **$8.00 per 100.**

New Garden Varieties

SPELLBOUND (Yoder Bros., Inc.) Lavender Pink Decorative—September 25. A striking 3 inch decorative that combines the beauty and grace of Lavender Lady with the durability and substance of Jean Treadway. Spellbound captivates the eye with its gloss and finish derived from Burgundy. The plant is a solid, compact bush attaining a height of 24 inches. The characteristic, uniformly planned flower development contributes to a wonderfully showy mass effect that cannot fail to greatly enhance the early fall garden. The habit of growth is equally ideal for pot plant culture. **$8.00 per 100.**

SERENITY (Yoder Bros., Inc.) White Daisy—September 25. The major requirements of a good garden chrysanthemum are early, showy, flowers borne on rigid compact, bushy plants. A degree of resistance to frost winter kill, insects and diseases is equally desirable. Serenity combines all of these qualities plus a uniformity of growth and flowering seldom exceeded by an outdoor chrysanthemum. It is a beautiful creamy white, heavily petalled daisy that opens rapidly to a real show of literally hundreds of blooms.

As a pot plant, it resembles the bushy, compactness of Judith Anderson and Pomponette. The shapely plant, because of its strength and rigidity makes a beautiful border or low hedge. **$8.00 per 100.**

HONEYCOMB (Yoder Bros., Inc.) Yellow Pompon—September 25. A small, perfectly formed pompon of intense golden yellow. The flowers in well formed sprays, make ideal cut flowers on medium 18-22 inch stems.

Honeycomb is a marked advance over the widely grown and well known Early Yellow and Pomponette in that the habit of growth is more vigorous and productive, the flowering season is equally early and the quality and color of the flower is such as to closely rival many greenhouse grown counterparts.

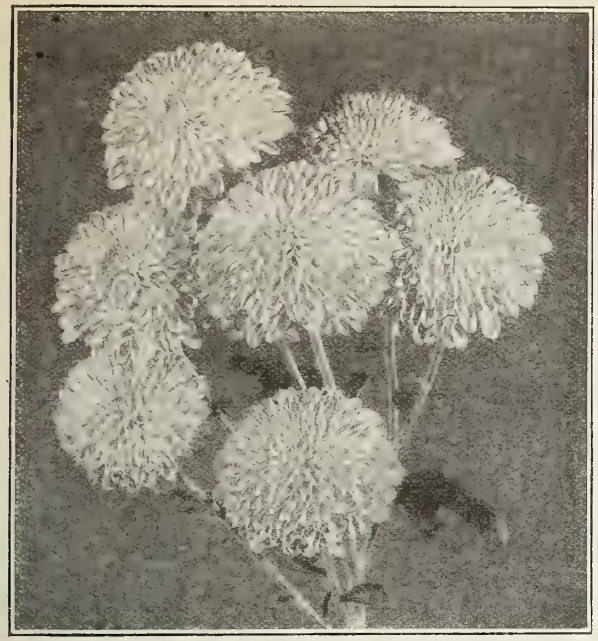
Honeycomb will shape up to a fine pot plant or add a distinctive note of formality and rich color to the fall garden scene. **$8.00 per 100.**

RED RUST (DEPETRIS)

RED RUST (Depetris). An exquisitely colored, well rounded, large pompon, blooming November 5. The color is a beautiful blend of orange, red and chrome bronze similar to Natoma. The habit of growth is clean, uniform, and vigorous with excellent foliage and well branched sprays. The scintillating color is an epoch in chrysanthemum breeding but it is sensitive to intense light and is, therefore, best adapted to later greenhouse shadings and natural flowering. It possesses greater vigor and is easier to grow than Natoma. The production excels that of Navaho. **Price, $7.00 per 100.**

BROCADE (Yoder Bros.). A lively cameo pink daisy that blooms naturally with Masterpiece, November 15. The variety is of extremely easy culture. Its free, vigorous growth makes for top production. It is medium to tall in height, and the strong stems develop big, well branched sprays. The response of Brocade to shading is similar to that of Masterpiece and should be grouped with that variety in the shading program. Brocade is the pink daisy to complement Masterpiece in later shadings and natural flowering. **Price, $7.00 per 100.**

CAROLYN YOSICK (Shelby Floral). A small, decorative, lavender pink pompon that flowers naturally October 20. Carolyn Yosick gives a sharp and uniform response to black cloth shade and its major value is for August and September flowering. It complements and completes an important trio for early shading—Carolyn Yosick, Pinocchio, and Gold Coast. It has a very dependable growth habit, does not crown like Jewell, and has a much more rigid stem than Jessie and Pink Dot. The small, decorative flower of Carolyn Yosick possesses excellent color-holding quality, and is very satisfactory under even the earliest shadings. Its color is not outstanding in natural daylight but brightens or softens remarkably under artificial lights. We suggest that you wait to evaluate this variety until the reports from the wholesalers are received. **Price, $7.00 per 100.**



GOLD COAST (BAUR-STEINKAMP)

DARK PINK ORCHID QUEEN (DELWORTH)

GOLD COAST (Baur-Steinkamp). A small deep lemon yellow pompon blooming normally October 25. It lends itself ideally to early shadings. Its clean, vigorous free growth habit is outstanding. In growth habit and production, it is very similar to Pinocchio. It is one of an important trio for early shading . . . Gold Coast, Pinocchio and Carolyn Yosick. The flower is small and firm; the color is intense. Easily grown and consistently dependable—a top notch cloth house variety. We recommend Gold Coast as the best yellow pompon for early shading. **Price, $6.00 per 100.**

DARK PINK ORCHID QUEEN (Delworth). An intense mauve pink sport from Orchid Queen with the added attributes of increased vigor in both plant and flower. The importance of its value over its parent for early shading has been proven by extensive tests. The color is much deeper. The flower is larger and more fully rounded. The foliage, stem and height of the plant are larger and stronger than the original. Dark Pink Orchid Queen should rapidly take a prominent position in the list of good standards. **Price, $7.00 per 100.**

Price List—Rooted Cuttings

L–Large; s–small; I–Intermediate; A–Anemone; P–Pompon; St.–Standard; D–Decorative; R–Reflex; In.–Incurved; S-In.–Semi-incurved.

YELLOW

Variety	Type	Flower Date	Price Per 100
Barcarole. Golden	I.P.	11–5	**$5.00**
●**Bonnaffon Deluxe.** Golden	s.In.	11–20	**3.75**
●**Cardonia.** Deep Golden	I.In.	11–10	**3.75**
●**Celestra.** Lemon	s.In.	10–15	**4.00**
Constellation. Yellow	I.D.	11–5	**8.00**
December Gold. Deep Golden	I.D.	12–15	**4.50**
★**Early Yellow.** Light Golden	s.P.	9–15	**4.75**
Gold Coast. Deep Lemon	s.P.	10–25	**6.00**
●**Golden Glory.** Golden	I.S-In.	11–1	**4.25**
Golden Herald. Deep Golden	L.D.	10–25	**4.25**
Golden Jane. Brilliant Golden	L.S.	11–28	**4.00**
Golden Mistletoe. Light Golden	L.In.	12–10	**4.00**
Golden October. Deep Lemon	I.S-In.	10–15	**4.75**
Golden Pearson. Light Golden	I.In.	11–25	**3.75**
★**Honeycomb.** Intense Golden	s.P.	9–25	**8.00**
Imp. Honey Dew. Deep Yellow	S.In.	11–15	**4.25**
●**Imp. Tobin's Yellow.** Deep Lemon	I.S-In.	12–15	**4.25**
Indianapolis Yellow. Lemon	I.In.	11–8	**4.50**
★**King Midas.** Light Yellow	I.D.	9–30	**4.00**
Marie DePetris. Deep Golden	L.In.	11–23	**4.00**
●**Mrs. Kidder.** Deep Lemon	L.In.	10–20	**4.00**
Nuggets. Golden	s.P.	11–5	**3.75**
Pixie. Deep Golden	s.P.	11–10	**4.00**
Princeton. Orange	I.D.	11–15	**4.25**
Rodell Improved. Light Lemon	I.P.	10–20	**3.75**
Sunglow. Golden	L.In.	10–25	**4.00**
●**Sun Gold.** Lemon	I.S-In.	11–25	**4.25**
Sunnyside. Golden	I.P.	11–25	**5.00**
●**Sunray.** Light Lemon	I.A.	11–15	**$3.75**
Susanne Miller. Buff	L.A.	11–18	**3.75**
Tally-Ho. Clear Yellow	I.P.	11–15	**8.00**
Vibrant. Deep Lemon	I.D.	12–20	**4.25**
Yellow Ambassador. Light Lemon	L.In.	10–23	**4.25**
Yellow Arcadia. Pernet	I.P.	10–28	**4.00**
●**Yellow Beauty.** Golden	L.P.	11–10	**4.00**
Yellow Bushnell. Pernet	I.P.	11–8	**4.50**
Yellow Cameo. Deep Lemon	I.P.	12–5	**6.00**
Yellow Daisy. Deep Lemon	I.S.	11–1	**4.25**
Yellow Dot. Yellow with Bronze Center	I.P.	10–25	**4.00**
Yellow Fellow. Deep Lemon	I.D.	11–15	**4.50**
Yellow Garza. Light Lemon	I.A.	12–15	**4.75**
Yellow Monument. Light Lemon	L.In.	11–15	**4.00**
Yellow Queen. Yellow	L.In.	11–10	**8.00**
Yellow Rolinda. Light Buff	I.A.	11–23	**3.75**
Yellow Sea Gull. Light Lemon	I.P.	11–1	**3.75**
Yellow Snow. Deep Lemon	I.P.	12–30	**3.75**
Yellow Supreme. Buff & Pink	L.A.	12–10	**3.75**
Yellow Turner. Light Yellow	L.In.	11–5	**4.50**

WHITE

Variety	Type	Flower Date	Price Per 100
Albatross. White	L.In.	11–1	**4.25**
Ambassador. Cream	L.In.	10–23	**4.25**
Arcadia. White	I.P.	10–28	**4.00**
Avalanche. White	I.D.	10–5	**4.25**
Blanche. White	I.A.	11–1	**4.25**
Cameo. Ivory	I.P.	12–5	**4.25**

★ **Outside Culture**

● **Pot Plant**

Price List—Rooted Cuttings—Continued

L–Large; s–small; I–Intermediate; A–Anemone; P–Pompon; St.–Standard; D–Decorative; R–Reflex; In.–Incurved; S-In.–Semi-incurved.

Variety	Type	Flower Date	Price Per 100
●**Christina.** White	s.In.	10–20	$4.00
Garza Supreme. White	I.A.	12–15	4.75
●**Granite State.** White	L.P.	10–25	6.00
Indianapolis White. White	I.In.	11–8	4.50
★**Jean Cumming.** Ivory	I.D.	9–20	5.50
●**Jean Elizabeth.** White	I.In.	11–10	5.00
●**Little America.** White	I.A.	11–10	3.75
Long Island Beauty. White with Yellow Cushion	L.A.	11–20	3.75
Mefo. Ivory	L.In.	11–20	4.25
Minong. White	s.P.	10–20	3.75
Monument. Ivory	L.In.	11–15	4.00
Pearl. White	I.P.	11–20	3.75
Pinocchio. White	s.P.	10–25	6.00
Priscilla. White	I.P.	11–23	5.00
Quaker Maid. White–Tinged with Pink	I.R.	10–15	3.75
Revelation. White	I.P.	12–30	5.00
●**Richard Mandel.** White	L.P.	11–10	3.75
Royal Queen. White	I.P.	12–5	3.75
Seafoam. White	I.P.	11–20	4.00
Sea Gull. Cream	I.P.	11–1	3.75
★**Serenity.** Cream	I.S.	9–25	8.00
Silver Ball. White	L.P.	10–15	3.75
Silver Sheen. White	I.In.	10–18	3.75
Smith's Early White. White	I.S-In.	10–15	3.75
●**Smith's Late White.** Ivory	I.S-In.	12–15	4.25
Snow. Ivory	I.P.	12–30	3.75
●**Snow White.** White	I.In.	11–1	3.75
Vesper. White	I.P.	11–10	5.00
White Anemone. White	I.A.	11–5	4.50
White Doty. Ivory	L.P.	11–1	4.00
White Freida. White with Yellow Cushion	L.A.	11–15	4.00
●**White Frick.** White Suffused with Pink	I.In.	11–25	5.00
●**White Jewell.** White Tinged Light Lavender	s.P.	10–15	4.00
White Mensa. Ivory	I.S.	11–10	3.75
White Mistletoe. White	I.In.	12–10	4.00
White Norma. White Suffused with Pink	L.A.	11–18	3.75
White Supreme. White Suffused with Pink	L.A.	12–10	3.75
●**White Yuletide.** White	I.P.	11–28	3.75
Wm. Turner. White	L.In.	11–5	4.50
Yukon. White	I.S.	12–10	3.75

PINK

Variety	Type	Flower Date	Price Per 100
★**Allegro.** Shrimp	I.D.	10–15	6.00
●**Beautiful Lady.** Deep Lavender Pink	L.A.	11–25	4.00
Brocade. Pink	I.S.	11–15	7.00
Captain Cook. Deep Rose	I.P.	10–23	4.25
Carolyn Yosick. Lavender Pink	s.D.	10–20	7.00
Dark Pink Bulkeley. Dark Rose	I.P.	11–8	4.50
★**Dark Pink Jewell.** Deep Lavender	s.P.	10–15	4.50
Dark Pink Norma. Deep Lavender	L.A.	11–18	3.75
Dark Pink Orchid Queen. Mauve Pink	L.D.	11–10	7.00
Dark Pink Supreme. Lavender	L.A.	12–10	3.75
Dark Pink Valencia. Deep Orchid	I.S.	11–28	3.75
Distinction. Pink	St.	11–25	4.25
★**Early Wonder.** Lavender	I.D.	9–25	3.75
Ed. Seidewitz. Lavender	I.In.	11–30	3.75
Enchantress. Deep Pink	L.A.	12–5	3.75
Freida. Light Lavender	L.A.	11–15	4.00
Hasegawa Pink. Lavender	I.S.	11–25	3.75
●**Helen Frick.** Rose	I.In.	11–25	4.50
Indianapolis Pink. Deep Lavender	I.In.	11–8	4.50
Jessie. Light Lavender	I.P.	10–25	4.00
★**Jewell.** Lavender	s.P.	10–15	4.00
●**J. W. Prince.** Rose	I.In.	11–5	3.75
★**Lavender Lady.** Lavender	I.D.	10–8	4.00
Lillian Doty. Light Rose	L.P.	11–1	4.00
Major Bowes. Deep Lavender	I.In.	10–20	$4.50
●**Masterpiece.** Tourmaline	I.P.	11–15	3.75
Mrs. Bulkeley. Rose Pink	I.P.	11–8	4.50
Norma. Orchid	L.A.	11–18	3.75
October Pink. Light Lavender	I.S.	10–28	4.75
October Rose. Light Lavender	I.In.	10–20	4.00
Orchid Beauty. Orchid	I.A.	11–15	3.75
Orchid Queen. Pink	L.In.	11–10	5.00
Pink Chief. Lavender	I.In.	10–15	4.25
Pink Dot. Light Lavender	I.P.	10–25	4.00
Pink Mistletoe. Lavender	I.In.	12–10	4.00
Pink Pearl. Rose	s.P.	10–20	4.75
Pink Treasure Island. Light Lavender	I.D.	12–20	5.00
●**Queen of Pinks.** Lavender	L.P.	11–10	3.75
Rayonnante. Pink	I.S.	11–5	4.50
★**Spellbound.** Lavender	I.D.	9–25	8.00
Thanksgiving Pink. Amaranth	I.R.	11–23	3.75
●**Thyra.** Lavender	L.P.	11–10	4.00
Uneeda. Lavender	I.P.	11–25	3.75
Usona. Lavender	I.P.	11–25	5.00
Valencia. Orchid	L.S.	11–28	3.75
W. H. Buckingham. Rose	I.S.	11–3	4.25

BRONZE and RED

Variety	Type	Flower Date	Price Per 100
Adelaide. Dark Reddish Bronze	s.P.	10–23	4.75
Apricot Valencia. Bronze	L.S.	11–28	4.00
★**Aviator.** Coppery Red	I.D.	10–10	6.00
Bittersweet. Red	I.S.	11–8	5.00
Bronze Buckingham. Light Orange	I.S.	11–3	4.25
Bronze Bulkeley. Bronze Suffused with Pink	I.P.	11–8	4.50
●**Bronze Frick.** Light Bronze	I.In.	11–25	5.00
●**Bronze Masterpiece.** Rosewood	I.P.	11–15	3.75
Bronze Mistletoe. Buff	I.In.	12–10	4.00
Bronze Orchid Queen. Apricot Buff	L.In.	11–10	5.00
★**Burgundy.** Wine Red	I.P.	10–5	4.00
Carnelia. Bittersweet Red	L.S.	11–30	5.50
Cassandra. Orange	I.P.	11–10	4.25
Catherine. Light Red Bronze	I.D.	11–20	3.75
★**Early Bronze.** Orange	s.P.	9–15	4.75
Fire Bird. Dark Reddish Bronze	I.D.	10–25	4.50
Garnet King. Dark Red	I.R.	11–18	5.00
Gladys Pearson. Light Buff Bronze	I.In.	11–25	3.75
●**Gypsy.** Light Reddish Bronze	s.A.	11–15	3.75
Hilda Bergen. Dark Reddish Bronze	s.In.	10–25	4.25
Indianapolis Bronze. Buff Bronze	I.In.	11–8	4.50
Indianola. Light Reddish Bronze	I.S-In.	10–15	4.25
●**Ivanhoe.** Reddish Bronze	s.R.	11–1	6.00
Jane. Light Buff Bronze	L.S.	11–28	3.75
Jemima. Dark Reddish Bronze	I.P.	10–23	4.50
Legal Tender. Bronze and Gold	I.D.	11–20	3.75
Mrs. Du Pont. Peach Pink Bronze	I.D.	10–5	4.00
Mrs. Roy. Crimson and Buff	I.In.	11–15	4.75
Oak Leaf. Reddish Bronze	I.In.	11–25	3.75
October Bronze. Light Bronze	I.S.	10–28	4.75
Red Daisy. Deep Red	I.S.	11–5	4.75
Red Princeton. Brazil Red	I.D.	11–15	4.25
●**Red Rolinda.** Deep Reddish Bronze	I.A.	11–23	3.75
Red Rust. Deep Reddish Bronze	L.P.	11–5	7.00
★**Red Velvet.** Crimson	I.D.	10–8	4.00
Roman Bronze. Suffused with Pink	I.P.	10–20	4.25
★**Ruby Pompon.** Ruby Crimson	I.P.	10–5	4.00
Seneca. Orange Bronze	D.P.	11–1	8.00
Sylvanna. Orange Bronze	I.S.	11–10	4.00
The Titan. Scarlet Crimson	L.A.	11–10	4.00
Yolanda. Light Orange Bronze	s.A.	11–25	3.75

★ Outside Culture

● Pot Plant

Vaughan's Dahlias

STRAIGHT CACTUS

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 25% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus.
***—Good cut flower varieties.**

	10	100
***AVALON.** (I.D.) Clear yellow. Large flowers on long stems	$2.20	$20.00
FLORIST WHITE. (F.D.) Pure white, fine form. Good grower * with long stems	2.70	25.00
GALLANT FOX. (F.D.) A commercial red. Its keeping quali- * ties, sturdy stem and fine color make it a valuable sort	2.20	20.00
HUNTS VELVET WONDER (I.D.) Color a rich violet purple. Good grower and excellent keeper	4.00	35.00
JANE COWL. (I.D.) A large flower of a warm buff and old * gold blending to a bright salmon at the center	3.50	30.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler re- * verse, giving a two-toned effect	3.00	27.50
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lav- * ender-pink. Fine stem and foliage	$2.70	$25.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine * giant in size and outstanding in all respects	2.70	25.00
MRS. I. de VER WARNER. (F.D.) Large flowers of deep * mauve-pink. Can be grown to a diameter of 11 inches	2.20	20.00
NATHAN JOHNSON. (F.D.) Color Rosy-white striped deep rose, makig it an attractive bicolor	4.00	35.00
PRIDE OF AUSTINBERG. (I.D.) A soft apricot shading * violet rose. Blooms early on strong stems, with full centers	3.50	30.00
ROSE GLORY. (F.D.) Pure deep rose-pink. Free and early bloomer with good stems	2.70	25.00
WATCHUNG GIANT. (I.D.) A large Yellow Gold variety that has the qualities of a good Dahlia. Strong grower. Strong stems, fine shape, free bloomer and good root maker	2.70	25.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of * fine form and substance with strong stems	2.70	25.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The * giant blooms are pure white with long twisted and curled petals	2.70	25.00

*MINIATURE DAHLIAS

BISHOP OF LLANDORF. (Peo.) Bright scarlet with deep garnet center. Lacy foliage of reddish bronze	2.70	25.00
DUBONNETT. (S.C.) Deep maroon red that does not fade. Very profuse bloomer. Sturdy compact bushes	3.50	30.00
LANNIE. (F.D.) Deep yellow of compact formation on long stems. Very free bloomer	2.70	25.00
LILLIE BELLE. (F.D.) Very fine appleblossom pink. Fine bush growth and good stems	3.50	30.00
PRINCESS ALBA. (F.D.) Pure white. The plants are tall, an excellent grower. Free bloomer with fine stems	2.70	25.00
SUFFOLK. (F.D.) Deep orange. Long and perfect stems	2.70	25.00

POMPON DAHLIAS

EDITH MUELLER. A bright soft apricot suffused peach red. Much in demand as cut flower	2.20	20.00
MARY MUNNS. A fine pure lavender for exhibition or cutting.	2.20	20.00
MORNING MIST. White tipped lavender very free bloomer with fine long stems	2.20	20.00
RED WARRIOR. A fine bright red variety with good formation	2.20	20.00
ROSA WILMOTH. Fine rose pink and free bloomer. Fine cut flower variety	2.70	25.00
SHERRY. A deep purple which is nearly round and very attractive	2.20	20.00
SNOWCLAD. A fine pure white. Good grower, free bloomer with strong stems	2.20	20.00
YELLOW GEM. A fine deep yellow of fine form and good stems. A leading cut flower variety	2.20	20.0

Books for Florists

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Sets a new high standard of value and usefulness for gardeners everywhere. Edited by

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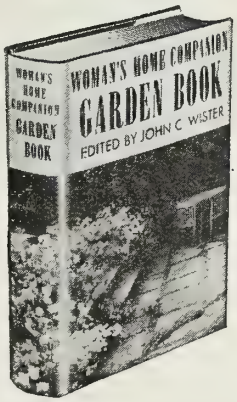

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EUONYMUS Alatus Compacta

PHILADELPHUS Virginalis

ELSHOLTZIA Stauntoni

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 3 to 4 ft.	$0.60	$5.50	$45.00
4 to 5 ft.	.70	6.00	50.00
ALMOND. See Prunus glandulosa.			
ALTHEA. See Hibiscus.			
ARONIA Brilliantissima. 3 to 4 ft.	.70	6.00	55.00
BERBERIS Mentorensis. (Patent No. 99) (New Evergreen Barberry). 18 to 24 in.	.75	6.00	48.00
Thunbergi. 18 to 24 in.	.50	4.00	35.00
Thunbergi Atropurpurea (Red-leaved Barberry). 18 to 24 in.	.60	5.00	45.00
BUDDLEIA (Butterflybush or Summer Lilac).			
Charming. (Pink). Field grown	.60	4.50	40.00
Dubonnet (New Red). Field grown	.60	4.50	40.00
Orchid Beauty. Field grown	.60	4.50	40.00
Royal Purple. Field grown	.60	4.50	40.00
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.60	5.00	.....
CHIONANTHUS Virginica (White fringe tree). 3 to 4 ft.	.90	8.00	.....
CORNUS Alba Sibirica (Siberian Redtwig Dogwood).			
2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
Stolonifera Flaviramea (Goldentwig Dogwood).			
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.75	6.00	55.00
COTONEASTER Acutifolia (Peking Cotoneaster.			
2 to 3 ft.	.70	6.50	.....
CYDONIA Japonica (Japanese Quince). 18 to 24 in.	.50	4.50	40.00
ELSCHOLTZIA Stauntoni (Heathermint). 18 to 24 in.	.70	6.00	.....
EUONYMUS Alatus (Burning Bush).			
3 to 4 ft.	1.65	15.00	.....
4 to 5 ft.	2.50	22.50	.....
5 to 6 ft.	3.50	.....	.....
Alatus Compacta.			
18 to 24 in.	1.00	9.00	.....
2 to 2½ ft.	1.50	12.50	.....
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.50	.....	.....
Europaeus (European Burning Bush). 4 to 5 ft.	.90	7.50	.....
5 to 6 ft.	1.00	9.00	.....

	Each	10	100
EUONYMUS Radicans Vegetus (Bigleaf Winter Creeper).			
12 to 15 in. 4 in. pots	$1.35	$12.50	.....
18 to 24 in. B. & B.	2.75	.....	.....
FORSYTHIA (Goldenbell) Intermedia. 3 to 4 ft.	.50	4.50	$40.00
Intermedia Spectabilis. 3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.75	6.50	50.00
Spring Glory. 2 to 3 ft.	.90	7.50	.....
HAMAMELIS Vernalis (Winterblooming Witch-hazel). 3 to 4 ft.	1.25	.....	.....
4 to 5 ft.	2.00	.....	.....
HIBISCUS Syriacus (Rose of Sharon), (Althea). Double Purple, Pink, Red or White. 3 to 4 ft.	.60	5.00	40.00
HYDRANGEA Arborescens Grandiflora (Snowball H.) 18 to 24 in.	.75	6.50	.....
Opuloides (Blue H). 2 yr.	1.00	9.50	.....
Paniculata Grandiflora. 18 to 24 in.	.65	6.00	.....
Quercifolia (Oakleaf H.) 18 to 24 in.	1.00	9.00	.....
KERRIA Japonica flore pleno. 18 to 24 in.	.80	7.50	.....
KOLKWITZIA Amabilis (Beautybush). 2 to 3 ft.	1.00	9.00	.....
LIGUSTRUM Amurense (Amur Privet, North).			
18 to 24 in., 3 canes up		2.00	18.00
2 to 3 ft.		3.00	27.50
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 64.			
LILAC. See Syringa.			
LONICERA (Bush Honeysuckle).			
Bella Albida (White Belle H.) 3 to 4 ft.	.50	4.50	.....
4 to 5 ft.	.60	5.00	.....
Fragrantissima (Winter Honeysuckle) 3 to 4 ft.	.60	5.00	40.00
Korolkowi Zabeli (True Red Honeysuckle). 3 to 4 ft.	.65	6.00	50.00
Ruprechtiana. 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
Tatarica Rosea. 3 to 4 ft.	.60	5.00	45.00
Tatarica Rubra. 3 to 4 ft.	.60	5.00	45.00
PHILADELPHUS—Mockorange.			
Coronarius. 4 to 5 ft.	.65	5.50	45.00
5 to 6 ft.	.75	6.00	50.00

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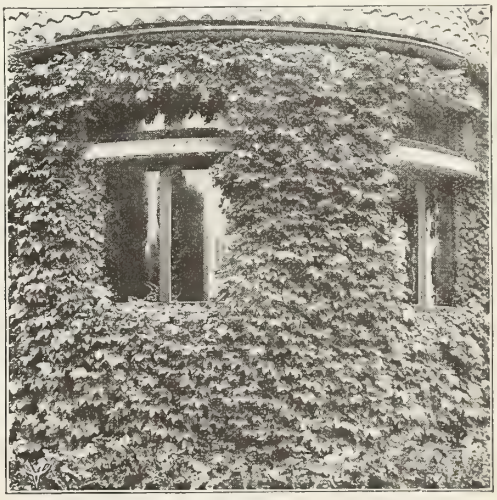
PHILADELPHUS—Continued.	Each	10	100
Grandiflorus. 3 to 4 ft.	$0.60	$5.00	$40.00
4 to 5 ft.	.65	5.50	45.00
5 to 6 ft.	.75	6.00	50.00
Lemoinei. 2 to 3 ft.	.60	5.00	45.00
Virginal. 2 to 3 ft.	.75	6.50	60.00
3 to 4 ft.	1.00	8.50	75.00
4 to 5 ft.	1.25	10.00	.....
PHYSOCARPUS Monogynus (Dwarf Ninebark). 3 to 4 ft.	.60	5.00	45.00
Opulifolius (Common Ninebark). 4 to 5 ft.	.60	5.50	45.00
5 to 6 ft.	.70	6.00	50.00
PRUNUS Besseyi (Hansen's Improved Bush Cherry). 2 to 3 ft.	.60	4.50	40.00
PRUNUS Glandulosa (Flowering Almond).			
Sinensis (Double Pink). 2 to 3 ft.	.85	7.50	.....
Other varieties. See Trees, page 62.			
RHAMNUS Cathartica (Buckthorn). 4 to 5 ft.	.70	6.00	.....
RHODOTYPOS Kerrioides (Jetbead). 2 to 3 ft.	.60	5.50	.....
RHUS Canadensis (Fragrant Sumac). 2 to 3 ft.	.50	4.50	.....
ROSA. Hugonis. 2 year	.80	6.50	.....
Rugosa Alba. 2 year	.65	5.00	.....
Rugosa F. J. Grootendorst. 2-year	.80	7.00	.....
Rugosa Hansa. 2-year	.75	6.00	.....
Rugosa. Pink Grootendorst. 2-year	.90	7.50	.....
SALIX Discolor (Pussy Willow). 3 to 4 ft.	.60	5.50	.....
SPIRAEA Arguta. 3 to 4 ft.	.60	5.00	45.00
Bumalda Froebeli. 18 to 24 in.	.50	4.00	30.00
24 to 30 in.	.60	5.00	35.00
Trichocarpa (Korean S.). 3 to 4 ft.	.60	5.00	45.00
Van Houttei (Bridalwreath). 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.50	40.00
SYMPHORICARPOS. Chenaulti. 3 to 4 ft.	.60	5.00	45.00
Racemosus (Snowberry). 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
SYRINGA (Lilac). **Japonica** 4 to 5 ft.	1.50	12.50	.....
Persian Purple. 2 to 3 ft.	.60	5.50	50.00
3 to 4 ft.	.80	7.00	65.00
Vulgaris Purpurea. 3 to 4 ft.	.70	6.00	.....
TAMARIX Hispida. 2 to 3 ft.	.60	5.00	.....
VIBURNUM Burkwoodi (Gardenia-Scented Snowball). 18 to 24 in.	2.00	17.50	.....
Dentatum. (Arrowwood). 3 to 4 ft.	.60	5.00	45.00
Fragrans. 2 to 3 ft. B. & B.	2.50	.....	.....
3 to 4 ft. B. & B.	3.50	.....	.....
Lantana. (Wayfaring Tree). 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
5 to 6 ft.	.90	7.50	65.00
Lentago. (Nannyberry). 3 to 4 ft.	.65	5.50	.....
Opulus. (Cranberrybush). 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	.90	7.50	.....
Opulus Sterile. (Snowball). 3 to 4 ft.	.75	6.50	.....
4 to 5 ft.	.90	7.50	.....
VITEX Macrophylla. 18 to 24 in.	.65	5.50	.....
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA. Bristol Ruby (Patent Number 492). 18 to 24 in.	1.00	8.50	.....
Rosea. 3 to 4 ft.	.70	6.00	.....

SPIRAEA BUMALDA Froebeli

Hardy Vines

	Each	10	100
AMPELOPSIS Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	$0.40	$3.00	.....
Veitchi (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.50	4.00	$35.00
3-year	.60	5.00	45.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). A vigorous climber with large heart shaped leaves. Thrives in sun or shade. 2-year grafted	1.15	10.00	.....
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.50	3.75	35.00
Mme. Gallen. More dwarf than above, but has immense flower clusters. 2-year, grafted	.75	6.50	.....
CELASTRUS Scandens (American Bittersweet). Hardy climber, with orange-capsuled fruit in autumn. 2-year	.50	4.00	35.00
CLEMATIS—Small-Flowering-Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.50	4.50	.....
CLEMATIS—Large-Flowering.			
Henryi, single white; **Jackmani,** rich deep purple; **Mme. Ed. Andre,** wine-red; **Ramona,** blue. 2-year No. 1	.75	6.50	.....
Henryi, Jackmani or **Mme. Ed. Andre.** 2½-inch pots	.40	3.50	30.00
Comtesse de Bouchaud (New). Satiny rose. 2-yr.	.85	7.50	.....
Crimson King (New). Bright Red. 2-year	.85	7.50	.....
Lord Neville (New). Rich velvety violet-purple. 2-yr.	.85	7.50	.....
Nelly Moser. (New). Pale mauve with a red bar on each petal. 2-year	1.00	9.00	.....
Prins Hendrik. Azure-blue. 2-year	1.25	11.50	.....
CLEMATIS. Duchess of Albany (New). Pink trumpet-shaped flowers about 3½ to 4 inches long. 2-year	1.25	11.50	.....
HEDERA Helix Baltica (Hardy English Ivy). Excellent ground cover. 2¼ in. pots	.40	3.00	20.00
HYDRANGEA Petiolaris (Climbing H.). 3 in. pots	1.00	9.00	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.70	6.00	.....
Japonica Halliana (Hall's Honeysuckle). Very fragrant pure white flowers changing to yellow. 2-year	.40	3.00	25.00
POLYGONUM Auberti. Fast growing vine, producing foamy masses of white flowers in late summer. 2-year.	.65	5.50	45.00
PUERARIA Thunbergiana (Kudzu Vine). No. 1	.40	3.00	25.00
WISTARIA.			
Multijuga Floribunda Rosea (Pink Japanese Wistaria). No. 1	.90	7.50	.....
Sinensis Alba. Pure white flowers. 2-year grafts	.80	7.00	.....
Sinenis Purpurea. Flowers purple, 2-year grafts	.80	7.00	.....



AMPELOPSIS Veitchi (Boston Ivy).

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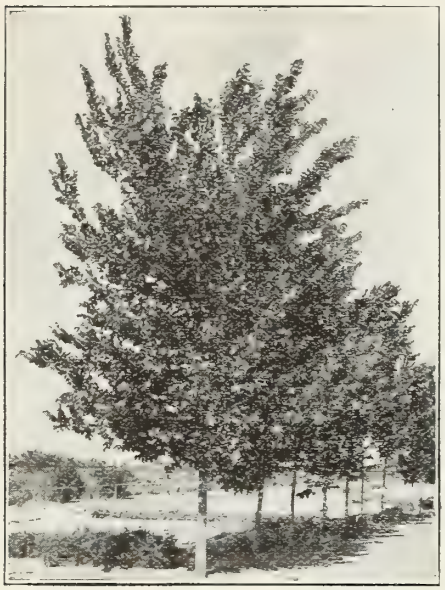
Ornamental and Shade Trees



AMERICAN ELM, MOLINE TYPE

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
8 to 10 ft., 1¼ to 1½ in. caliper	$2.75	$25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.75	35.00	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	3.00	27.50	.....
10 to 12 ft., 1¼ to 1½ in. caliper	4.25	40.00	.....
10 to 12 ft., 1¾ to 2 in caliper	5.75	55.00	.....
Write for prices on all maples in larger sizes.			
Platanoides Columnare (Columnar Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	4.25	40.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	6.00	55.00	.....
Platanoides Schwedleri (Schwedler Maple).			
8 to 9 ft.	3.75	35.00	.....
BETULA.			
Alba (European White Birch).			
8 to 10 ft.	4.00	37.50	.....
5 to 6 ft. clumps	3.50	32.50	.....
Alba Fastigiata (Pyramidal Birch).			
6 to 8 ft., 1¼ to 1½ in. caliper	8.50	.....	.....
8 to 10 ft., 1½ to 1¾ in. caliper	10.00	.....	.....
Pendula Gracilis (Cutleaf Weeping Birch).			
8 to 9 ft.	5.00	.....	.....
12 to 14 ft., 2½ to 2¾ in. caliper, B. & B.	17.50	.....	.....
14 to 16 ft., 3 in. caliper, B. & B.	18.50	.....	.....
CELTIS Occidentalis (Hackberry).			
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.75	35.00	.....
CERCIS Canadensis (American Redbud).			
3 to 4 ft.	1.50	13.50	.....
CRATAEGUS (Hawthorn).			
Carrieri. 4 to 5 ft.	2.25	20.00	.....
5 to 6 ft.	3.00	27.50	.....
6 to 7 ft.	4.00	37.50	.....
6 to 7 ft., 1¼ to 1½ in. caliper, B. & B.	8.75	.....	.....
7 to 8 ft., 1½ to 1¾ in. caliper, B. & B.	10.00	.....	.....
7 to 8 ft., 1¾ to 2 in. caliper, B. & B.	12.50	.....	.....
8 to 10 ft., 2 to 2½ in. caliper, B. & B.	15.00	.....	.....
Coccinea (Thicket Hawthorn). 4 to 5 ft.	2.50	22.50	.....
5 to 6 ft.	3.00	27.50	.....
6 to 7 ft.	4.00	37.50	.....
Cordata. 8 to 10 ft., spec. 1½ to 1¾ in., B. & B.	10.00	.....	.....
10 to 12 ft., 1¾ to 2 in. caliper, B. & B.	12.50	.....	.....
10 to 12 ft., specimens, 2 to 2½ in. caliper, B. & B.	15.00	.....	.....
Crusgali. 4 to 5 ft.	2.00	28.50	.....
5 to 6 ft.	3.75	35.00	.....
6 to 7 ft.	4.50	42.50	.....
6 to 7 ft., 1½ to 1¾ in. caliper, B. & B.	10.00	.....	.....
7 to 8 ft., 1¾ to 2 in. caliper, B. & B.	12.50	.....	.....
8 to 10 ft., 2 to 2½ in. caliper, B. & B.	15.00	.....	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn). 5 to 6 ft.	3.50	32.50	.....
6 to 7 ft., 1¼ to 1½ in. caliper, B. & B.	10.00	.....	.....
Write for prices of Crataegus in larger sizes.			

	Each	10	100
FRAXINUS Americana (American White Ash).			
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
GINKGO Biloba. 6 to 8 ft., ¾ to 1 in. caliper	4.00	37.50	.....
7 to 8 ft., 1 to 1¼ in. caliper	5.25	50.00	.....
GLEDITSIA Triacanthos (Honeylocust).			
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.00	27.50	.....
GLEDITSIA Triacanthos Inermis (Thornless Honeylocust). 8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	4.25	40.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	5.00	47.50	.....
MAGNOLIA.			
Soulangeana.			
2 to 3 ft., B. & B.	6.50	.....	.....
3 to 4 ft., B. & B.	8.50	.....	.....
4 to 5 ft., B. & B.	10.00	.....	.....
Soulangeana Lennei (Lenne M).			
2 to 3 ft., B. & B.	6.50	.....	.....
3 to 4 ft., B. & B.	8.50	.....	.....
4 to 5 ft., B. & B.	10.00	.....	.....
Stellata (Halleana) (Star M). 18 to 24 in., B. & B.	7.50	.....	.....
2 to 2½ ft., B. & B.	8.00	.....	.....
MALUS (Flowering Crab Apples).			
Hopa (Hopa Crab), Eleyi. 4 to 5 ft.	1.50	12.50	.....
Atrosanguinea, Eleyi, Hopa, 5 to 6 ft.	2.50	.....	.....
Atrosanguinea, 6 to 7 ft.	3.25	.....	.....
Atrosanguinea, Floribunda. 5 to 6 ft., 1¼ to 1½ in. caliper, specimens	4.25	40.00	.....
Atrosanguinea, Floribunda. 6 to 8 ft., 1½ to 1¾ in. caliper, specimens, B. & B.	10.00	.....	.....
Atrosanguinea, Eleyi, Floribunda. 6 to 8 ft., 1¾ to 2 in. caliper, specimens, B. & B.	12.50	.....	.....
Atrosanguinea, Eleyi, Floribunda. 6 to 8 ft., 2 to 2½ in. caliper, specimens, B. & B.	15.00	.....	.....
Atrosanguinea, Eleyi, Floribunda. 2½ in. caliper, B. & B.	18.50	.....	.....
Ioensis Plena (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft.	1.90	17.50	.....
4 to 5 ft.	2.50	22.50	.....
POPULUS (Poplar).			
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens.			
10 to 12 ft., 1½ to 1¾ in. caliper	2.00	17.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.50	22.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.00	27.50	.....
PRUNUS.			
Newport (Purple-leaved Plum). 2 to 3 ft.	1.00	9.00	.....
4 to 5 ft.	2.00	17.50	.....
Tomentosa (New Nanking Cherry).			
2 to 3 ft. Grafted	1.00	9.00	.....
3 to 4 ft. from seed	.85	7.50	.....
SALIX Niobe (Niobe Weeping Willow). 8 to 10 ft.	2.50	22.50	.....
TILIA (Linden).			
Cordata (Littleleaf European Linden).			
8 to 10 ft., 1 to 1¼ in. caliper	2.75	25.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	3.75	35.00	.....
8 to 10 ft., 1¾ to 2 in. caliper	4.50	42.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	5.50	52.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper	6.75	65.00	.....
Platyphyllos Pyramidalis (Pyramidal European Linden). 8 to 10 ft., 1¼ to 1½ in. caliper, specimens, B. & B.	10.00	.....	.....
1½ to 1¾ in. caliper, low branched specimens, B. & B.	14.00	.....	.....
10 to 12 ft., 2 to 2¼ in. caliper, low branched specimens, B. & B.	17.50	.....	.....
ULMUS (Elm). 4 varieties.			
Americana (American Elm); Amer. Molini (Amer. Moline Elm); Amer. Urni (Amer. Vase-Shaped Elm); Pumila (Chinese Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.50	32.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.75	35.00	.....
Pumila—Chinese Elm Hedging.			
2 to 3 ft. seedling, not transplanted	.....	1.00	$7.50
Write for prices on all Elms in larger sizes.			

All prices f.o.b. our nursery, Western Springs, Ill. Subject to change without notice.

All trees personally selected in our nursery will be charged for according to their value.

Vaughan's Evergreens

JUNIPERUS Chinensis Pfitzeriana
(Pfitzer Juniper) Best of All Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

	Each	10	100
JUNIPERUS Chinensis Keteleeri. Of broad pyramidal form; green foliage. 4½ to 5 ft	$8.50	$80.00	.....
5 to 5½ ft	8.75	82.50	.....
5½ to 6 ft	10.00	95.00	.....
6 to 6½ ft	11.50	110.00	.....
6½ to 7 ft	12.50	.....	.....
7 to 7½ ft	14.50	.....	.....
7½ to 8 ft	16.50	.....	.....
Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread	2.75	25.00	.....
18 to 24 in. spread	4.00	37.50	.....
2 to 2½ ft. spread	4.50	42.50	.....
2½ to 3 ft. spread	5.25	50.00	.....
3 to 3½ ft. spread	6.50	.....	.....
4 to 4½ ft. spread	10.00	95.00	.....
4½ to 5 ft. spread	11.50	110.00	.....
5 to 5½ ft. spread	13.75	.....	.....
5½ to 6 ft	15.00	.....	.....
6 to 6½ ft	16.50	.....	.....
Write for prices on larger sizes.			
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
2½ to 3 ft	6.75	62.50	.....
3 to 3½ ft	8.00	75.00	.....
Chinensis Pfitzeriana Compacta. A compact form of the popular Pfitzer Juniper. Has light gray green foliage. 3½ to 4 ft. Spread	10.00	.....	.....
Communis Hibernica (Irish Juniper). Very narrow, symmetrical tree with glaucous green foliage.			
3 to 3½ ft	4.00	37.50	.....
3½ to 4 ft	5.00	46.50	.....
4 to 4½ ft	6.00	56.00	.....
4½ to 5 ft	6.75	65.00	.....
5 to 5½ ft	8.00	75.00	.....
Horizontalis Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall. 18 to 24 in	$3.50	$32.50	.....
2 to 2½ ft	4.25	40.00	.....
2½ to 3 ft	5.25	50.00	.....
3 to 3½ ft	6.50	62.50	.....
3½ to 4 ft	7.25	70.00	.....
4 to 4½ ft	8.00	75.00	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 18 to 24 in	3.00	27.50	.....
2 to 2½ ft	4.25	40.00	.....
2½ to 3 ft	4.75	45.00	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
18 to 24 in	3.25	30.00	.....
2 to 2½ ft	3.75	35.00	.....
2½ to 3 ft	4.25	40.00	.....
3 to 3½ ft	5.00	47.50	.....
Sabina Von Ehron-Upright. Staked form of above.			
3 to 3½ ft	5.25	50.00	.....
3½ to 4 ft	6.00	57.50	.....
Scopulorum, Colorado J. A blue green narrow columnar form.			
4½ to 5 ft	6.00	57.50	.....
5 to 5½ ft	6.50	60.00	.....
5½ to 6 ft	8.00	75.00	.....
6 to 6½ ft	9.00	85.00	.....

JUNIPERUS—Continued

	Each	10	100
Scopulorum Gareei (Garee's Juniper)			
5 to 5½ ft	$10.00	$95.00	.....
5½ to 6 ft	11.75	.....	.....
6 to 6½ ft	13.50	130.00	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
5½ to 6 ft	7.00	65.00	.....
6 to 6½ ft	8.25	75.00	.....
6½ to 7 ft	8.75	82.50	.....
7 to 8 ft	9.75	92.50	.....
8 to 9 ft	11.50	110.00	.....
9 to 10 ft	13.50	.....	.....
10 to 12 ft	15.00	.....	.....
Virginiana Burki. Of compact pyramidal growth, dark steel blue foliage. 4½ to 5 ft	8.50	80.00	.....
5 to 5½ ft	10.00	95.00	.....
5½ to 6 ft	11.00	105.00	.....
6 to 6½ ft	12.00	115.00	.....
6½ to 7 ft	13.75	.....	.....
7 to 7½ ft	15.00	.....	.....
7½ to 8 ft	17.50	.....	.....
8 to 9 ft	20.00	.....	.....
Virginiana Canaerti (Canaert Red Cedar). Rich, deep green foliage, heavily tufted.			
4½ to 5 ft	8.50	80.00	.....
5 to 5½ ft	10.00	95.00	.....
5½ to 6 ft	11.00	105.00	.....
6 to 6½ ft	12.00	115.00	.....
6½ to 7 ft	13.75	132.50	.....
7 to 7½ ft	15.00	.....	.....
7½ to 8 ft	17.50	.....	.....
8 to 9 ft	20.00	.....	.....
9 to 10 ft	22.50	.....	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
4 to 4½ ft	7.50	70.00	.....
4½ to 5 ft	8.50	80.00	.....
5 to 5½ ft	10.00	95.00	.....
5½ to 6 ft	11.00	105.00	.....
6 to 6½ ft	12.00	115.00	.....
6½ to 7 ft	13.75	.....	.....
7 to 7½ ft	15.00	.....	.....
7½ to 8 ft	17.50	.....	.....
8 to 9 ft	20.00	.....	.....
9 to 10 ft	22.50	.....	.....
Virginiana Hilli (Dundee Juniper). Of dense, conical form; foliage bluish gray green, fine plum color in fall and winter.			
4½ to 5 ft	8.50	80.00	.....
6 to 6½ ft	12.00	115.00	.....
6½ to 7 ft	13.75	130.00	.....
7 to 7½ ft	17.50	.....	
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter.			
4½ to 5 ft	8.50	80.00	.....
5 to 5½ ft	10.00	95.00	.....
5½ to 6 ft	11.00	105.00	.....
6 to 6½ ft	12.00	115.00	.....
6½ to 7 ft	13.75	132.50	.....
7 to 7½ ft	15.00	.....	.....

PACHYSANDRA Terminalis (Evergreen Spurge). Excellent groundcover for shady places. 2¼ inch pots	.....	2.00	$12.00

PICEA.			
Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 2½ to 3 ft	4.00	37.50	.....
3 to 3½ ft	4.75	45.00	.....
Excelsa (Norway Spruce). 2 to 2½ ft	2.50	22.50	.....
2½ to 3 ft	3.25	30.00	.....
3 to 3½ ft	3.75	35.00	.....
3½ to 4 ft	4.25	40.00	.....
Pungens (Colorado Green Spruce).			
2 to 2½ ft	4.75	45.00	.....
2½ to 3 ft	5.25	50.00	.....
3 to 3½ ft	5.75	55.00	.....
3½ to 4 ft	7.25	70.00	.....
4 to 4½ ft	8.50	80.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue. 2 to 2½ ft	5.75	55.00	.....
2½ to 3 ft	7.25	70.00	.....
3 to 3½ ft	8.50	80.00	.....
3½ to 4 ft	10.00	.....	.....
6 to 6½ ft	20.00	.....	.....
6½ to 7 ft	25.00	.....	.....
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce.			
8 ft	50.00	.....	.....
8½ ft	55.00	.....	.....
9 ft	60.00	.....	.....
10 ft	70.00	.....	.....

EVERGREENS—Continued

	Each	10	100
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen, fine for rock planting and foundation work.			
15 in.	$2.50	$22.50	.....
18 in.	3.00	27.50	.....
2 ft.	3.50	32.50	.....
2½ ft.	4.50	....	.....
3 ft.	6.75	...	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 4 to 4½ ft.	6.75	65.00	.....
4½ to 5 ft.	7.50	70.00	.....
4½ to 5 ft. Sheared specimens	10.00	....	.....
TAXUS Cuspidata (Japanese Yew). Rich dark green foliage; spreading bushy habit. Does best in shade.			
15 to 18 in.	4.75	45.00	.....
18 to 24 in.	5.75	55.00	.....
2 ft.	7.00	67.50	.....
2½ ft.	8.75	85.00	.....
3 ft.	12.50	120.00	.....
3½ ft.	15.00	....	.....
4 ft.	20.00	....	.....
4½ ft.	25.00	....	.....
5 ft.	30.00	....	.....
Cuspidata Capitata (Upright Japanese Yew). Erect, symmetrical form of the above.			
18 to 24 in.	6.25	60.00	.....
2 ft.	8.00	75.00	.....
2½ ft.	10.00	....	.....
3 ft.	15.00	....	.....
3½ ft.	20.00	....	.....
Hatfieldi (Hatfield Yew). Broad, upright and compact, 2½ ft.	8.50	80.00	.....
Hicksi (Hick's Yew). Very compact, narrow upright.			
2½ ft.	8.00	75.00	.....
3 ft.	10.50	100.00	.....
3½ ft.	13.50	130.00	.....
4 ft.	17.50	....	.....
4½ ft.	20.00	....	.....
5 ft.	22.50	....	.....
THUJA Occidentalis (American Arbovitae).			
4 to 4½ ft.	4.00	37.50	.....
4½ to 5 ft.	4.35	40.00	.....
5 to 5½ ft.	5.25	50.00	.....
5½ to 6 ft.	6.00	57.50	.....
6 to 6½ ft.	6.50	60.00	.....
6½ to 7 ft.	7.50	70.00	.....
7 to 8 ft.	8.50	80.00	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.50	42.50	.....
4½ to 5 ft.	5.00	47.50	.....
5 to 5½ ft.	6.00	57.50	.....
5½ to 6 ft.	6.50	60.00	.....
Occ. Globosa American Globe Arborvitae. A round, compact form, dark green foliage. 15 in.	2.00	17.50	.....
18 in.	2.35	21.50	.....
24 in.	2.75	25.00	.....
30 in.	3.25	30.00	.....
Occ. Pyramidalis (American Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.50	42.50	.....
4½ to 5 ft.	5.00	47.50	.....
5 to 5½ ft.	6.00	57.50	.....
5½ to 6 ft.	6.50	60.00	.....
6 to 6½ ft.	7.50	70.00	.....
6½ to 7 ft.	8.00	75.00	.....
7 to 8 ft.	9.50	90.00	.....
8 to 9 ft.	10.75	100.00	.....
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.75	45.00	.....
4 to 4½ ft.	5.50	50.00	.....
4½ to 5 ft.	6.50	60.00	.....
Occ. Wareana (Ware Arborvitae). Of dense, broad, pyramidal form with rich green foliage. Very hardy.			
5 to 5½ ft.	10.50	100.00	.....
5½ to 6 ft.	12.50	120.00	.....
TUSGA. Canadensis (Canada Hemlock). Conical tree with gracefully drooping branches.			
3½ to 4 ft.	6.75	65.00	.....
4 to 4½ ft.	8.00	75.00	.....

All evergreens personally selected and tagged in the Nursery, will be charged for according to their value, usually 25% above catalog price.

All Prices F. O. B. Our Nurseries, Western Springs, Ill., Subject to Change Without Notice. Packing Charges Additional at Cost.

VAUGHAN'S IRISES

"S" refers to the three standard or upright curling petals.
"F" refers to the three falls or drooping petals.

	Each	10	25
Autumn King. 30 in. A large blue-purple bicolor	$0.25	$2.00	$3.75
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster	.30	2.50	5.50
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size	.30	2.50	5.00
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow	.35	2.50	5.00
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red	.30	2.50	5.00

IRISES—Continued

Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen	$0.40	$3.50	$7.50
Crystal Beauty. 40 in. Perfectly shaped flowers of pure snow-white on well-branched stalks	.30	2.50	5.00
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris	.30	2.50	5.00
E. B. Williamson. 36 in. Rich, glowing coppery-red with a silky sheen. Very unusual and extra fine	.35	3.00	6.25
Eleanor Roosevelt. 28 in. Deep velvety purple self. Profuse bloomer twice a year	.30	2.50	5.00
Elsa Sass. 38 in. Ruffled lemon yellow. Exquisite	.75	5.00	11.25
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.30	2.50	5.00
Golden Majesty. 42 in. A truly superb deep yellow Iris. Large blooms of thick substance do not fade	.60	5.00	.....
Golden Treasure. 38 in. Huge flowers of creamy-yellow with golden heart; very floriferous	.40	3.00	6.25
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat	.30	2.50	5.00
Happy Days. 40 in. An immense clear yellow with flowers over 7 inches from top to bottom	.30	2.50	5.50
Indian Hills. 37 in. A stunning Iris of rich wine purple	.35	3.00	5.50
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece	.30	2.50	5.00
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form	.40	3.00	6.25
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue	.30	2.50	5.50
Maid of Astolot. 45 in. One of our finest plicatas. Large alabaster white daintily marked with clear blue	.30	2.50	5.50
Ming Yellow. 50 in. The perfect yellow Iris. Vigorous in growth, strong foliage and stout, well branched stems	.75	6.50	.....
Missouri. 36 in. Clear vivid blue of sensational size	.45	4.00	8.75
Morocco Rose. 38 in. "S" lustrous pale pink; "F" deep rosalene pink, long and flaring. A beautiful creation	.75	6.50	.....
Naranja. 40 in. Large yellow with orange yellow falls	.35	2.75	5.50
Ormohr. 40 in. Extra-large blooms of soft gray lavender veined violet with rosy glow. Hardy, easy to grow	.60	4.50	.....
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate yet glistening pink	.30	2.50	5.50
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.30	2.50	5.50
Royal Coach. 36 in. "S" chamois yellow, overlaid pink with cinnamon dottings; "F" bright yellow dotted brown	.50	3.50	6.25
Sensation. 45 in. Large corn-flower blue flowers of perfect form and heavy substance	.30	2.50	5.50
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	.35	2.50	5.50
Snow King. 40 in. Giant snow-white flowers. Vigorous	.35	3.00	6.25
Wabash. 39 in. Dykes Medal 1940. "S" snowy white; "F" hyacinth-violet. One of the finest of all Irises	.60	5.00	.....

Special Offer Giant Flowering Iris: 5 each of Black Wings, Buechly Giant, Cheerio, Crystal Beauty, Happy Days, Jean Cayeux, Pink Satin, Red Dominion, Royal Coach and Sierra Blue. 50 Irises (value $13.00) for **$10.00.**

All Prices above are F.O.B. Western Springs, Ill.
Packing Charges to be added at cost.

VAUGHAN'S PEONIES

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

	Each	10	100
8.7 **Avalanche.** A magnificent large white that opens like a rose. Delightfully fragrant; late midseason. Good cut-flower and cold storage variety	$0.60	$5.00	.....
9.0 **Baroness Schroeder.** Large flowers of delicate flesh-white. Excellent cut-flower variety	.75	6.50	60.00
7.6 **Edulis Superba.** Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant	.50	4.00	37.50
8.4 **Felix Crousse.** Large globular blooms of rich, even brilliant, dazzling ruby-red; late midseason. Good cut-flower and storage variety	.65	5.50	50.00
9.3 **Festiva Maxima.** Popular large white, dotted carmine. Often 7 to 8 inches in diameter. Early	.60	5.00	45.00
8.8 **Karl Rosefield.** Very large globular flower of rich velvety-crimson. Extremely vigorous grower, tall, early midseason	.75	6.00	50.00
9.1 **Martha Bullock.** Immense cupped shape flowers of bright old-rose pink. Fragrant; late	1.00	9.00	.....
7.9 **Mme. de Verneville.** Fragrant flowers, very full double, pure white, with center delicately tinted blush. Early	.50	4.00	37.50
8.6 **Officinalis Rubra Plena.** Old-fashioned early red, usually in bloom by Decoration Day	.90	7.50	.....
8.7 **Reine Hortense (President Taft).** One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink center flecked crimson. Midseason	.75	6.00	50.00
9.0 **Sarah Bernhardt.** Tall vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut-flower and storage variety; late midseason	.75	6.00	55.00
Unnamed. Double Pink	.50	3.50	30.00
Unnamed. Double White	.50	3.50	30.00
Unnamed. Double Red	.50	4.00	35.00

Vegetable Plants With a Pedigree

Vaughan's Seeds of Table Quality Varieties are Sure Selling

THE campaign for twenty million Freedom gardens now being organized by Secretary Anderson of the U. S. Department of Agriculture seems certain to cause a heavy demand.

To obtain premium prices for your plants, varieties should be grown which are especially suited for home gardens. Having specialized for half a century in these table quality varieties, Vaughan's can supply them; and by growing plants from Vaughan's Seeds and advertising the fact, you will attract customers at higher prices.

On these two pages we list varieties which our experience has shown to be in especial demand among home gardeners.

BROCCOLI

Green Sprouting Calabrese. **70 days.** A good strain for Market, Home Garden or freezing, suitable in north or south. 18 inches tall; branching, forming compact head of bluish green flower buds. After the main head is removed smaller heads are produced from the branches which continue to the end of the season. Pkt., 15c; oz., 40c; ¼ lb., $1.35; lb., $4.00.

CABBAGE YELLOWS-RESISTANT

We offer the best resistant strains of cabbage seed through the cooperation of some of the best cabbage experts in the district of Racine, Wisconsin. Wherever the yellows disease has been known, we advise the use of resistant varieties. As a second precaution, everyone should give the hot water treatment to cabbage seed to insure freedom from black rot. Just before planting soak the seed for 30 minutes in water heated to 122° F.

Bugner. **100 days.** This is the most popular of all the green types of cabbage for Market, Home Garden, Kraut and storage. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more, outer leaves deep purplish green with a tight folded leaf covering the head. Pkt., 25c; oz., $1.00; ¼ lb., $3.00; lb., $9.00.

Globe. **75 days.** A solid round headed resistant Glory of Enkhouser Cabbage. Stem medium short particularly valuable for kraut. Pkt., 25c; oz., 45c; ¼ lb., $1.45; lb., $4.25.

Jersey Queen. **60 days.** Very similar to Early Jersey Wakefield, but bred for resistance to yellows. Pkt., 25c; oz., 45c; ¼ lb., $1.45; lb., $4.25.

Red Yellows Resistant. **100 days.** While this is not quite as large as the Long Island Mammoth Rock Red strain, it is darker and more uniform; being yellows resistant, is safer to grow. All sections of the country are becoming infested with yellows so it is important that resistant strains be more extensively used. Pkt., 25c; oz., 65c; ¼ lb., $1.65; lb., $5.00.

Marion Market. **75 days.** The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Pkt., 25c; oz., 45c; ¼ lb., $1.45; lb., $4.25.

STANDARD BRED CABBAGES

Reselected Copenhagen Market Extra Early. **Matures in about 62 days.** Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 50c; ¼ lb., $1.65; lb., $5.00.

Early Jersey Wakefield. **62 days.** Very pointed, hard head, 7 inches long, 5 inches wide. Desirable for the southern trade; stands close planting. Oz., 40c; ¼ lb., $1.10; lb., $3.25.

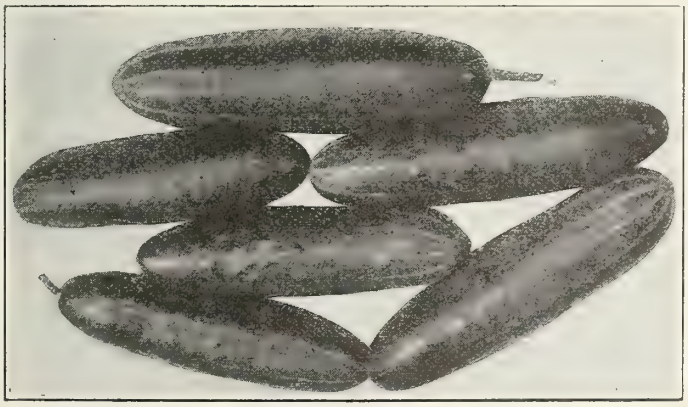
Golden Acre. **Matures in about 60 days.** This round headed variety is earlier than Copenhagen Market and its heads are smaller, weighing 4 to 5 lbs. Oz., 45c; ¼ lb., $1.40; lb., $4.00.

GOLDEN ACRE DANISH GROWN. Oz., 50c; ¼ lb., $1.65; lb., $5.00.

CAULIFLOWER VAUGHAN'S NEW SNOWBALL. Pkt., 30c.

CAULIFLOWER

Vaughan's New Snowball. **Matures in about 55 days.** For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 30c; ¼ oz., 85c; ½ oz., $1.60; oz., $3.00; ¼ lb., $9.25.



CUCUMBER MARKETER

CUCUMBER

Marketer. **65 days.** A variety that is now the most popular slicing cucumber for market. The fruits are a very dark green, extremely uniform and taper slightly at the ends. The average size is about 8 inches long and 2¼ inches in diameter. Pkt., 15c; oz., 35c; ¼ lb., 85c; lb., $2.50.

The Vaughan. **74 days.** The largest of outdoor cucumbers, it is also of first table quality. Compared to other Long White Spine varieties, it is much darker in color, more uniform in shape and size, thinner, and more prolific. It is the ideal American forcing variety, as well as an outdoor sort. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

Colorado, or "A and C." **68 days.** A beautifully long, slender, dark green cucumber of excellent shape and intense dark color which is maintained longer than in any other variety. Fruit is inclined to taper, especially at stem end. Seeds form late in season and are few. White spined Pkt., 10c; oz., 35c; ¼ lb., 85c; lb., $2.50.

EGG PLANT

Black Beauty. **110 days.** Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 75c; ¼ lb., $2.25; lb., $6.00.

CELERY

Michigan Golden (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 35c; ½ oz., $1.15; oz., $2.00; ¼ lb., $6.00.

Easy Blanching. **110 days.** Full heart, early green variety of erect, compact growth, blanching easily; 18-22 inches tall,s talks very thick with an excellent heart. oz., 75c; ¼ lb., $2.25; lb. $6.75.

Golden Self Blanching Short. **90 days.** 20-24 inches tall, stocky, solid, thick, stalks blanching easily. Oz., 90c; ¼ lb., $2.70; lb., $8.00.

KOHLRABI

Early White Vienna. **55 days.** Produces bulbs above the ground of a pale greenish whitecolor and are eaten when about 2 inches or more in size. Flavor of turnip. Pkt., 15c; oz., 50c; ¼ lb., $1.45; lb., $4.00.

Lettuce

Lettuce Bibb (Limestone). **57 days.** This dark green, tender, brittle lettuce, which quickly makes loose heads as big as your fist, is becoming well-known to chefs of luxury hotels and to high priced food shops. Some say it was once known as "Half Century," others that it was bred by Maj. John Bibb, of Kentucky, born in 1789. It is making a comeback and we can promise you a fine spring crop, but must warn that it goes to seed quickly in hot weather." Pkt., 20c; oz., 35c; ¼ lb., 85c; lb., $2.50.

Grand Rapids. **About 45 days.** This home garden favorite, also extensively planted for hotbed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season.

Vaughan's Extra Selected Stock. Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Great Lakes. **75 days.** A lettuce bred to produce mature heads in the hot summer weather of the middle west. The color and quality of a typical head of Great Lakes are outstanding. Recommended for upland soil. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $1.85; per lb., $5.50.

Imperial No. 456. **80 days.** A fine introduction of the Cornell Experiment Station that is highly recommended for growing on lowland or muck. It is said to withstand higher temperatures and tip burn better than Imperial No. 44. Pkt., 20c; ½ oz., 40c; oz., 65c; ¼ lb., $1.85; per lb., $5.50.

Peppers

Early California Wonder (Calwonder). **68 days.** The new standard of perfection among sweet peppers. Color deep green changing to brilliant crimson upon ripening. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., $2.50.

Vaughan's Giant Magnum Dulce. This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $1.65.

Crimson Giant. One of the earliest large red sweet peppers. In habit the plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, deep green when young and a rich red when ripe; flesh thick, sweet and mild. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., $1.85.

Hungarian (Hot). **In 65 days.** A slender hot pepper much prized for canning. It is 1½ inches in diameter at the base and often 10 inches long. Pale green turning to red. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., $1.75.

Hungarian Sweet. **65 days.** An unbelievably productive banana shaped pepper. Our stock of this variety is one of our specialties and there is no superior strain. The fruit is sweet with a medium fleshed wall, light yellow turning to bright red at maturity. Pkt., 15c; ½ oz., 50c; oz., $1.00; ¼ lb., $3.00.

Bull Nose, Hot. **In 70 days.** A pungent pepper. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

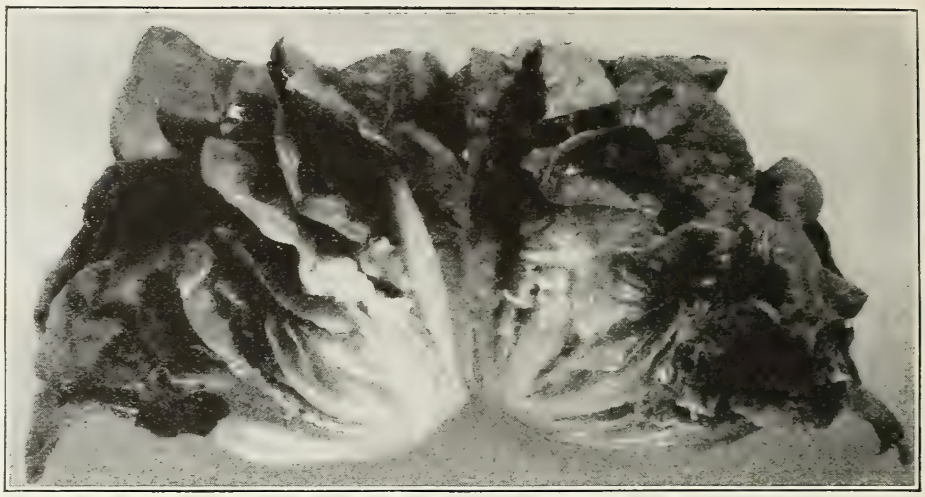
King of the North. **65 days.** One of the earliest Peppers, of good size, dark green, turning to a deep rich red. One of the most productive and of good market size. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., $1.75.

World Beater. One of the best of the large peppers, 5 inches long by 3½ inches in diameter. Flesh mild and thick, a rich deep red when ripe. Very prolific. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., $1.75.

ONION

Valencia Sweet Spanish. **Matures in about 110 days.** Here is a mild, sweet, giant onion of the true Spanish type. From seed it will produce onions weighing a pound; if started in the hotbed, two pound specimens can be grown. Pkt., 15c; ¼ lb., $1.50; lb., $4.50.

White Lisbon. Strictly a bunching onion. Plants do not form bulbs, but long, smooth white stems; twice the size of ordinary bunching onions. Very hardy and can be planted either in spring or fall. Pkt., 15c; ¼ lb., $1.50; lb., $4.50.



CROSS SECTION OF BIBB LETTUCE

RADISH

Early Scarlet Globe Select. **(F.) 20 days.** Vaughan's Glasshouse Strain. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. It is ready for the table in 25 days.

Short Top—Pkt., 15c; ¼ lb., 40c; lb., $1.10; 100 lbs. at $1.00 per lb.

Scarlet Turnip White Tip. **26 days.** Vaughan's Selected Stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip, and is a high-class strain for outdoor planting. It combines beautiful appearance with finest radish quality—appealing to the eye and palate.

Vaughan's "Sparkler" Strain. Pkt., 10c; ¼ lb., 35c; lb., $1.00; 100 lbs. at 90c per lb.

TOMATOES

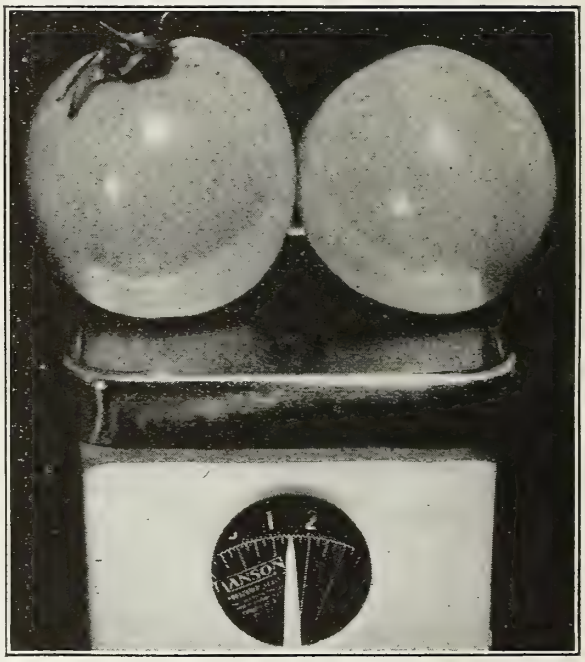
For Plants Resistant to Wilt

Pritchard. Certified **76 days.** The name of Scarlet Topper somewhat indicates its peculiarity. It is a brilliant red, very productive and has a goodly percent of resistance to wilt. Oz., 65c; ¼ lb., $1.65; lb., $5.00.

Rutgers. **86 days.** An exceptionally heavy producer of good sound heavy walled fruit, medium acid, thick flesh and good shipper. Oz., 60; ¼ lb., $1.85; lb., $5.50.

Rutgers Certified. Pkt., 15c; oz., 65c; ¼ lb., $2.00; lb., $6.00.

VALENCIA SWEET SPANISH ONION



TOMATO JUBILEE. Pkt., 20c.

TOMATOES—Continued

Marglobe. **77 days.** As early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks. Oz., 60c; ¼ lb., $1.85; lb., $5.50.

Marglobe Certified. Pkt., 15c; oz., 65c; ¼ lb., $2.00; lb., $6.00.

BEST YELLOW VARIETY

T-27 Jubilee. **72 days.** All America bronze medal, 1943. Among home gardeners this variety has quickly become one of the most popular, both for salad and for exhibition. Mature fruits average more than half a pound; deep orange inside and out with solid flesh and so few seeds as to make seed production a problem. Its vines grow vigorously and can be staked and pruned. Pkt., 20c; ½ oz., 45c; oz., 85c.

STANDARD BRED TOMATOES

Crimson Cushion or Beefsteak. **90 days.** Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Pkt., 15c; ½ oz., 50c; oz., 85c; ¼ lb., $2.50.

Ponderosa. **88 days.** Of the large fruited varieties, this one is most popular. Pkt., 10c; ½ oz., 45c; oz., 85c; ¼ lb., $2.50.

Oxheart. **90 days.** Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Pkt., 15c; Oz., $1.50; ¼ lb., $4.50; lb., $12.00.

Vaughan's Special Earliana. **66 days.** Earliest large, smooth bright red tomato. Oz., 75c; ¼ lb., $2.35; lb., $7.00.

Vaughan's Vegetable Seeds for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 72 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

ARTICHOKE

	Oz.	¼ lb.	Lb.
GREEN GLOBE	$1.00	$3.00	$10.00

ASPARAGUS SEED

Mary Washington	.25	.60	1.75
Paradise	.45	1.25	3.50

ASPARAGUS ROOTS

	100	1000	5,000 per 1,000
Mary Washington. 2 Year Old	$3.00	$27.50	$25.00
Paradise, 2 year roots	3.50	30.00	27.50

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless	$0.35	$3.00	$27.50
Early Red Valentine Stringless	.35	3.00	27.50
Stringless Green Pod	.35	3.00	27.50
Dwarf Horticultural	.35	3.00	27.50
Improved Navy	.35	2.20	20.00
Bountiful Stringless	.35	3.00	27.50
Giant Stringless Green Pod	.35	3.00	27.50
Logan	.40	3.50	32.00
Tendergreen	.35	3.00	27.50
Plentiful	.35	3.00	27.50
Streamliner	.35	3.00	27.50
Wonderful	.35	3.00	27.50
Long Green	.40	3.50	32.00

WAX BEANS

Davis Stringless Wax	.35	3.00	27.50
Golden Wax	.35	3.00	27 50
Pencil Pod Black Wax	.35	3.00	27.50
Round Pod Kidney Wax	.40	3.50	32.00
Sure Crop Bountiful Wax	.35	3.00	27.50
Unrivalled Wax	.35	3.00	27.50
Improved New Kidney	.35	3.00	27.50

BUSH LIMA BEANS

Baby Potato	.40	3.50	32.00
Henderson U. S. No. 2	.40	3.50	32.00
Fordhook Bush Lima	.45	3.75	35.00
Burpee's Improved Bush Lima	.40	3.50	32.00
Cangreen	.40	3.50	32.00
Fordhook 242	.45	3.75	35.00
Early Market	.40	3.50	32.00

POLE LIMA

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
King of the Garden	$0.40	$3.50	$32.00
Succulence	.40	3.50	32.00
Florida Butter	.40	3.50	32.00

POLE BEANS—Green Pod

Burger's Stringless	.35	3.00	27.50
Cut Short or Corn Hill	.35	3.00	27.50
Horticultural Cranberry	.35	3.00	27.50
Kentucky Wonder or Old Homestead	.35	3.00	27.50
Lazy Wife	.35	3.00	27.50
Scarlet Runner	.35	3.00	27.50

POLE BEANS—Wax Pod

	Lb.	10 lbs.	100 lbs.
Early Golden Cluster Wax	$0.40	3.60	34.00
Kentucky Wonder Wax	.40	3.60	34.00

BEETS

	¼ lb.	Lb.	5 lbs. per lb.
Perfected Detroit	$0.55	$1.60	$1.50
Crosby's Egyptian	.50	1.50	1.35
Detroit Dark Red	.50	1.50	1.35
Green Top Bunching	.55	1.60	1.50
Improved Early Egyptian	.50	1.50	1.35
Early Wonder	.50	1.50	1.35
Early Blood Turnip, Select	.50	1.50	1.35
MANGEL—Vaughan's Mammoth Long Red.	.35	.85	.80
Golden Tankard	.35	.85	.80
Giant Half Sugar Rose	.35	.85	.80
Barres Sludstrup. Danish Grown	.35	.85	.80
SUGAR BEETS—			
Klein's Wanzleben	.35	.85	.80

BROCCOLI

	Oz.	¼ lb.	Lb.
Italian Calabrese	$0.40	1.35	$4.00

BRUSSELS SPROUTS

Long Island Improved	.45	1.25	3.75
Improved Dwarf	.55	1.65	4.85

CABBAGE

YELLOWS-RESISTANT CABBAGES

Arranged According to Maturity

	Oz.	¼ lb.	Lb.
Golden Acre—Resistant	$0.70	$2.00	$6.00
Jersey Queen	.45	1.45	4.25
Racine Market (Wisconsin Pride)	1.00	3.00	9.00
Wisconsin All Head	.45	1.45	4.25
Marion Market	.45	1.45	4.25
Globe	.45	1.45	4.25
Wisconsin Ballhead	.50	1.50	4.50
Bugner	1.00	3.00	9.00
Wisconsin All Season	.45	1.35	3.90
Wisconsin No. 8	.45	1.40	4.00

These Prices Subject to Change Without Notice.

CABBAGE—Continued

STANDARD VARIETIES

	Oz.	¼ lbs.	Lb.
Early Jersey Wakefield	$0.40	$1.10	$3.25
Charleston Wakefield	.40	1.10	3.25
Copenhagen Market	.40	1.10	3.25
Copenhagen Market Extra Early Selections	.50	1.65	5.00
Golden Acre	.45	1.40	4.00
Golden Acre Special	.50	1.65	5.00
Green Acre	.45	1.40	4.00
Early Flat Dutch	.40	1.10	3.25
Vaughan's All Seasons	.40	1.10	3.25
Glory of Enkhousen	.40	1.10	3.25
Vaughan's Premium (Late) Flat Dutch	.40	1.10	3.25
Chinese Celery Cabbage Chihili	.25	.65	1.75
Chinese Cabbage Wong Bok	.25	.65	1.75
Danish Ballhead (Dwarf Amager)	.40	1.10	3.25
New Penn State Ballhead	.45	1.25	3.75
SAVOY CABBAGE—			
Chieftain	.50	1.50	4.50
RED CABBAGE—			
Red Resistant	.65	1.65	5.00
Long Island Red	.40	1.30	3.75

CARROT

	¼ lb.	Lb.	5 lbs. Per lb.
Danvers Half Long. Vaughan's Selected Stock	$0.50	$1.50	$1.40
Improved Chantenay	.50	1.50	1.40
Chantenay. Red core	.65	1.75	1.65
Imperator	.50	1.50	1.40
Early Short Scarlet (Dutch Horn)	.65	1.75	1.65
Guerande or Oxheart	.50	1.50	1.40
Nantes Half Long	.70	2.00	1.80
Improved Long Orange	.50	1.50	1.40
Sweetheart	.75	2.25	2.15
Hutchinson (Waltham Strain)	1.00	2.50	2.25

USEFUL VEGETABLES

	Oz.	¼ lb.	Lb.
Chicory, Magdeburg. Large rooted	$0.35	$1.05	$3.00
Chicory, Witloof or French Endive. Fancy	.35	.85	2.50
Asparagus Chicory	.35	.85	2.50
Cress, Curled or Pepper Grass	.25	.65	2.00
Cress, Upland	.35	.85	2.50
Collards, Georgia or Cabbage	.15	.35	1.00
Cardoon	.95	2.95	8.50
Chives. Pkt., 25c; ½ oz., 40c;	.75	2.00	....

CAULIFLOWER

	Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	lb.
Autumn Giant	$0.20	$0.40	$0.75	$1.40	$4.25	12.00
Dry Weather	.30	.75	1.40	2.65	7.75	25.00
New Snowball (Late)	.30	.85	1.60	3.00	9.25	27.50
Select Snowball (Early)	.30	.85	1.60	3.00	9.25	27.50
Snowdrift	.30	.85	1.60	3.00	9.25	27.50

CELERY

	Oz.	¼ lb.	Lb.
Giant Pascal. Easy-blanching and a fine keeper	$0.65	$2.00	$6.00
Easy Blanching	.75	2.25	6.75
Emperor. Splendid quality, dwarf	.65	2.00	6.00
White Plume. Vaughan's Selected Stock	.65	2.00	6.00
Golden Self-Blanching. New strain, tall	1.00	3.00	9.00
Golden Self-Blanching. Short	.90	2.70	8.00
Golden Plume (Extra selected)	1.10	3.25	9.75
Michigan Golden (Yellows-resistant)	2.00	6.00	18.00
Winter Queen	.65	2.00	6.00
Golden Detroit	.75	2.35	7.00
Salt Lake (Utah Pascal)	.90	2.70	8.00
Cornell No. 19	1.50	4.00	12.00
Summer Pascal	1.00	3.00	10.00

CELERIAC

	Oz.	¼ lbs.	Lb.
Large Smooth Prague. Earliest of all	$0.60	$1.85	$5.50

SWEET CORN

Hybrid and top crosses are starred (*).

	Lb.	10 lbs.	100 lbs.
*Surprise	$0.50	$3.70	$35.00
*Our Choice	.50	3.70	35.00
Golden 60-Day	.35	2.20	20.00
*Marcross	.50	3.70	35.00
Early Golden Bantam	.35	2.20	20.00
Golden Bantam	.35	2.00	18.00
*Bancross	.45	3.70	35.00
*Tendergold	.50	3.70	35.00
*Whipcross	.50	3.70	35.00
Whipple's Yellow	.35	2.20	20.00
Howling Mob	.35	2.20	20.00
Bantam Evergreen	.35	2.20	20.00
*Lee	.50	3.70	35.00
*Golden Cross	.50	3.70	35.00
Early Evergreen	.35	2.40	22.00
Country Gentleman	.35	2.40	22.00
Stowell's Evergreen	.35	2.40	22.00
*Narrow Grain Hybird	.50	4.20	40.00
*Stowell's Hybrid	.50	4.20	40.00
*Ioana	.50	3.70	35.00
*Country Gentleman Hybrid	.55	5.00	48.00

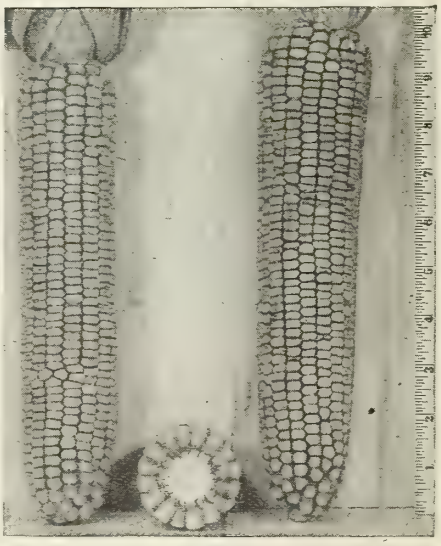
HYBRID FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan, Iowa and Indiana.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	½ Bu.	Bu.
Flat Kernels (Edge Drop)	$5.75	$10.50



CUCUMBERS

	Oz.	¼ lb.	Lb.
"A and C"	$0.35	$0.85	$2.50
Cubit	.35	.85	2.50
Davis Perfect	.25	.65	1.95
Improved White Spine	.25	.65	1.95
Improved Long Green	.35	.85	2.50
Early Cluster	.25	.65	1.75
Westerfield's Chicago Pickle. One of our specialties	.25	.65	1.75
National	.25	.65	1.75
Boston Pickling	.25	.65	1.75
West India Gherkin	.30	.75	2.25
Early Fortune	.25	.65	1.85

CUCUMBERS—Continued

	Oz.	¼ lb.	Lb.
The Vaughan. Finest of all for forcing or outdoors	$0.35	$0.85	$2.50
Quick Grow	.35	.85	2.50
Mandarin	.35	.85	2.50
Straight Eight	.35	.85	2.50
Marketer	.35	.85	2.50

DANDELION

Thick Leaved or Cabbaging. Pkt., 10c	1.25	3.75	....

DILL

Oz., 15c; ¼ lb., 30c; lb., 90c.

EGG PLANT

Black Beauty	.75	2.25	6.00
Vaughan's Improved N. Y. Purple	.75	2.25	6.00
Florida High Bush	.75	2.25	6.00
Minnoval	.75	2.25	6.00

ENDIVE

Green Curled Pancalier, Rose Ribbed	.20	.50	1.50
Green Curled Summer	.20	.50	1.50
Moss, Very Fine Curled	.20	.50	1.50
Broad-leaved Batavian White Escarolle Fla. Deep Heart	.20	.50	1.50
Ever White Curled	.20	.50	1.50
Fringed Deep Heart	.20	.50	1.50

GARLIC

Selected Bavarian, lb., 55c. Write for prices on larger lots.

HERBS

Anise	.35	.85	2.50
Borage	.25	.70	2.00
Caraway	.30	.90	2.70
Coriander	.30	.90	2.70
Catnip	1.00	3.00	9.00
Fennel, Florence	.30	.75	2.25
Fennel, Sweet	.30	.90	2.65
Horehound	.65	2.25	6.50
Lavender Spica	.60	2.00	6.00
Lavender (True)	.65	2.25	6.50
Saffron	.50	1.50	4.50
Sage	.45	1.35	4.00
Savory, Summer	.45	1.45	4.25
Sweet Basil	.40	1.25	3.75
Sweet Marjoram	.60	2.00	6.00
Thyme	1.00	3.00	9.00

KALE OR BORECOLE

Dwarf Green Curled	.35	.85	2.50
Tall Green Scotch	.35	.85	2.50
Siberian	.35	.85	2.50

KOHLRABI

Early White Vienna	.50	1.45	4.00
Early Purple Vienna	.50	1.45	4.00

LEEK

Broad Scotch or London Flag	.45	1.25	3.75
Large Musselburg	.45	1.25	3.75
Large Carentan	.45	1.25	3.75

LETTUCE

Leaf Varieties

	Oz.	¼ lb.	Lb.
Black-Seeded Simpson	$0.20	$0.50	$1.50
Grand Rapids Forcing	.25	.65	2.00
Early Curled Simpson	.20	.50	1.50

Cabbage and Head Varieties

May King. Very early	.25	.65	1.75
Big Boston, Vaughan's Selected Stock	.25	.65	1.75
California Cream Butter	.25	.65	2.00
Iceberg	.30	.75	2.25
Imp. Hanson. Very large firm heads	.25	.65	1.75
Hansonette	.30	.75	2.25
Bibb	.35	.85	2.50
New York No. 12	.35	.85	2.50
New York No. 515 (Heat resisting)	.35	.85	2.50
New York (Imperial 847)	.50	1.50	4.50
New York (Imperial 44)	.45	1.25	3.75
Prizehead	.20	.50	1.50
Unrivalled	.25	.65	1.75
Paris White Cos	.25	.65	1.75
Express Cos	.25	.65	1.75
Trianon Cos	.25	.65	1.75
Great Lakes (for uplands)	.65	1.85	5.50
Imperial No. 456 (for Muck or lowlands	.65	1.85	5.50

MUSKMELON

Hearts of Gold or Improved Hoodoo	.30	.80	2.25
Rocky Ford	.30	.80	2.25
Emerald Gem. One of the sweetest	.30	.80	2.25
Tip Top. A very fine market melon	.30	.80	2.25
Extra Early Hackensack. Best strain	.30	.80	2.25
Banana	.30	.80	2.25
Honey Dew	.30	.80	2.25
Bender's Surprise	.30	.80	2.25
Honey Rock	.30	.80	2.25
Hale's Best	.30	.80	2.25
Wisconsin Pride	.30	.80	2.25
Cranshaw	.30	.80	2.25
Schoon's Hardshell (Early Bender or New Yorker)	.30	.80	2.25
Milwaukee Market	.30	.80	2.25
Hand Cut	.40	1.00	3.00

WATERMELON

Citron	.25	.75	1.90
Florida Favorite	.25	.75	1.90
Florida Giant	.25	.75	1.90
Halbert Honey	.25	.75	1.90
Rattlesnake	.25	.75	1.90
Harris Earliest	.25	.75	1.90
Kleckley's Sweet	.25	.75	1.90
Sweetheart	.25	.75	1.90
Klondyke, Striped	.25	.75	1.90
Winter	.25	.75	1.90
Tom Watson	.25	.75	1.90
Cole's Early	.25	.75	1.90
Irish Grey	.25	.75	1.90
Ovid	.25	.75	1.90
Stone Mountain	.25	.75	1.90
Pride of Muscatine (Resistant, Kleckley No. 6)	.25	.75	1.90
Dixie Queen	.40	1.20	3.50
Cuban Queen	.25	.75	1.90
Stone Mountain (Resistant)	.25	.75	1.90
Red Russian	.25	.75	1.90

MUSTARD

	Oz.	¼ lb.	Lb.
Giant Southern Curled	$0.15	$0.35	0.85
Fordhook Fancy	.15	.35	.85
Florida Broad Leaved	.15	.35	.85
Tendergreen	.15	.35	.85

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

No. 9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks
40c	$1.90	$3.50

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 90c per carton. $9.00 per doz.

Write for circular.

OKRA

Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth.	Oz.	¼ lb.	Lb.
Prices of all of the above	$0.10	$0.35	$0.90

ONION

	¼ lb.	Lb.	5 lbs. per lb
Large Red Wethersfield	$1.50	$4.50	$4.25
Southport Red Globe	1.15	3.25	3.10
Southport Yellow Globe. All strains	1.15	3.25	3.10
Southport White Globe	1.25	3.50	3.35
Riverside White. Oz., 60c	1.75	5.00	4.85
Bermuda Crystal White Wax. (Teneriffe Isles)	1.50	4.50	4.25
White Portugal	1.25	3.50	3.35
Yellow Globe Danvers	1.15	3.25	3.10
Golden Globe	.95	2.75	2.60
Vaughan's Special Yellow Globe (Mountain Danvers)	1.25	3.75	3.50
Ebenezer Yellow	.95	2.75	2.60
White Ebenezer	1.25	3.50	3.35
Valencia (Sweet Spanish)	1.50	4.50	4.20
White Lisbon or Bunching	1.50	4.50	4.20

PARSLEY

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled	$0.20	$0.50	$1.50
Hamburg (Standard) (Rooted)	.20	.50	1.50
Vaughan's XXX	.20	.50	1.50
Plain	.20	.50	1.50

PARSNIP

Long Smooth, Hollow Crown	.15	.35	1.00
Improved Guernsey	.15	.35	1.00
Ideal (All-America)	.15	.35	1.00

PEAS

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant)	$0.25	$1.70	$15.00
Alderman	.30	2.20	20.00
American Wonder	.30	2.20	20.00
Dwarf Defiance	.30	2.20	20.00
Dwarf Gray Sugar	.30	2.20	20.00
Dwarf Telephone or Daisy (extra choice)	.30	2.20	20.00
Early Gilbo (Resistant)	.30	2.20	20.00
Extra Early Prem. Gem or Little Gem	.30	2.20	20.00
Everbearing	.30	2.20	20.00
Improved Gradus or World's Record	.30	2.20	20.00
Laxtonian	.30	2.20	20.00
Laxton's Progress	.30	2.20	20.00

PEAS—Continued

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Little Marvel	$0.30	$2.00	$18.00
Nott's Excelsior. One of the best earlies	.30	1.90	17.00
Improved Stratagem	.30	2.00	18.00
Telephone. Improved	.30	1.90	17.00
Thomas Laxton	.30	2.20	20.00
Giant Stride (Wilt-resistant)	.30	2.00	18.00

PEPPER

	½ oz.	Oz.	¼ lb.
California Wonder	$0.45	$0.85	$2.50
Early California Wonder	.45	.85	2.50
Vaughan's Magnum Dulce. Largest	.35	.65	1.65
Vaughan's Sweet Mountain	.35	.65	1.65
Bullnose (Hot)	.30	.50	1.50
King of the North	.35	.65	1.75
Large Bell (Sweet)	.30	.50	1.50
Cayenne, Long red	.30	.50	1.50
Chinese Giant	.40	.70	1.85
Crimson Giant	.40	.70	1.85
Red Chili	.35	.60	1.60
Ruby King	.40	.65	1.60
Perfection Pimiento	.45	.75	2.00
Sunnybrook, Tomato Shaped	.45	.75	2.00
Tabasco	.45	.75	2.00
Hungarian Hot	.40	.65	1.75
Hungarian Sweet	.50	1.00	3.00
Harris Giant	.40	.65	1.75
Worldbeater	.40	.65	1.75
Oshkosh	.40	.65	1.85
Windsor "A"	.40	.65	1.85
Oak View Wonder	...	...	....

SWEET POTATOES

Sweet Potatoes will be shipped from our grower in Southern Illinois, all by express at purchaser's expense. We offer: Yellow Jersey, Nancy Hall and Porto Rico at **$6.00** per bushel.

SWEET POTATO PLANTS will be ready for shipment about April 15th in the southern districts, May 15th in the northern districts and will be shipped from our grower in Southern Illinois. We offer Yellow Jersey, Nancy Hall and Porto Rico at **1,000 plants for $7.00, by express purchaser's expense.**

PUMPKIN

	Oz.	¼ lb.	Lb
Winter Queen or Winter Luxury	$0.25	$0.65	$1.50
Vaughan's Mammoth Prize	.25	.75	1.90
Colonial Pie	.15	.45	1.25
Kentucky Field	.15	.35	1.00
Large Cheese	.15	.35	1.00
Large Connecticut Field or Big Tom	.15	.45	1.25
Cushaw, White	.15	.45	1.25
Cushaw, Striped	.15	.45	1.25
Cushaw, Golden	.15	.45	1.25
Vaughan's Small Sugar Pie	.15	.45	1.25

RADISH

	¼ lb.	Lb.	10 lbs. per lb.
Cincinnati Market. Long scarlet	$0.35	$1.00	$0.90
Crimson Giant Forcing	.35	1.00	.90
Early Scarlet Globe. (Short top)	.40	1.10	1.00
Early Scarlet Globe (Medium top)	.35	1.00	.90
Saxa. Earliest round red	.35	1.00	.90
Early Long Scarlet Short Top	.35	1.00	.90
Improved French Breakfast	.35	1.00	.90
White Strassburg	.35	1.00	90
Scarlet Turnip, White Tip (Sparkler)	.35	1.00	.90
White Icicle. The earliest long white	.35	1.00	.90
Cavalier	.40	1.10	1.00

Winter Varieties

Chinese Mammoth or Celestial	.35	1.00	.90
California Mammoth White	.35	1.00	.90
Long Black Spanish	.35	1.00	.90
Rose or Scarlet China Winter	.35	1.00	.90
Round Black Spanish	.35	1.00	.90

These Prices Subject to Change Without Notice.

RHUBARB

	Oz.	¼ lb.	Lb.
Mammoth	$0.25	$0.65	$2.00
Victoria	.25	.65	2.00

RHUBARB ROOTS

	Ea.	10	100
Canadian Red—divisions	$0.60	$5.00	$45.00
McDonald—divisions	.50	4.50	40.00
Victoria, ¾-1 in.	....	1.00	5.50
1-1½ in.	....	1.50	7.50

HORSERADISH

Per 100, $1.75; per 1,000, $15.00; 5,000, per 1,000, $14.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island	$0.50	$1.50	$4.50

SORREL

French	.45	1.35	4.00

SPINACH

	Lb.	10 lbs. per lb.	100 lbs. per lb.
Bloomsdale Dark Green	$0.50	$0.45	$0.40
Long Standing Bloomsdale Savoy	.50	.45	.40
Prickly Seeded Hollandia	.50	.45	.40
Princess Juliana. Long standing	.50	.45	.40
Old Dominion	.50	.45	.40
Virginia, Blight-Resistant	.50	.45	.40
Tetragonia or New Zealand, 1 oz., 15c; ¼ lb., 35c	.85	.90	1.00
Antvorskov (King of Denmark)	.50	.45	.40
Viking	.50	.45	.40
Special Summer Savoy	.50	.45	.40

SWISS CHARD

	Oz.	¼ lb.	Lb.
Lucullus	$0.15	$0.40	$1.00
Dark Smooth. Broad white rib	.15	.40	1.00
Giant Fordhook	.15	.40	1.00

SQUASH

Banana	.25	.65	1.75
Blue Hubbard	.25	.65	1.75
Boston Marrow	.15	.35	1.00
Buttercup	.50	1.50	4.50
Butternut	.50	1.50	4.50
Chicago Warted Hubbard	.25	.65	1.75
Cocozelle	.25	.65	1.75
Delicious	.25	.65	1.75
Improved Table Queen	.25	.65	1.65
White Bush Mammoth	.25	.60	1.65
Giant Summer Crookneck, Yellow	.20	.50	1.40
Golden Hubbard	.25	.65	1.75
Original Hubbard. Extra select	.25	.65	1.75
Prolific Straightneck	.20	.65	1.75
Kitchenette Small Hubbard	.25	.70	2.00
Mammoth Chili	.25	.70	2.00
Sweet Potato	.25	.65	1.75
Vegetable Marrow	.25	.65	1.75
Yellow Summer Crookneck	.20	.50	1.40
Italian Marrow Zucchini. Black or Dark Green	.25	.65	1.65
Italian Marrow Zucchini. Gray or Light Green	.25	.65	1.65

TOMATO

Beauty. Midseason pink	.65	2.00	6.00
Bison	.75	2.20	6.50
Bonny Best. Second red, called by market gardeners "yellow"	.65	1.65	5.00
Bonny Best, Certified	.75	1.85	5.50
Bounty. First early, red	.75	2.20	6.50
Chalk's Early Jewel. An early red	.65	1.65	5.00
Chalk's Jewel, Certified	.75	1.85	5.50

TOMATO—Continued

	Oz.	¼ lb.	Lb
Crimson Cushion or Beefsteak. Medium late, red, very large	$0.85	$2.50	$7.50
Dwarf Champion. Medium late pink	.75	2.25	6.50
Dwarf Stone. Mid-season red	.80	2.35	7.00
Earliana. Earliest red	.75	2.35	7.00
Early Detroit. Early, pink	.75	1.85	5.50
Early Baltimore, Certified	.65	2.00	6.00
Firestee'. A good dry weather type	.85	2.25	6.50
Golden Ponderosa	1.50	4.50	12.00
Golden Queen. Mid-season yellow	.85	2.25	6.75
Greater Baltimore. Medium early red	.60	1.85	5.50
Greater Baltimore (Indiana strain), certified	.65	2.00	6.00
Ground Cherry	.65	2.00	6.00
John Baer. A first early red	.60	1.85	5.50
John Baer, Certified	.65	2.00	6.00
Jubilee. Mid-season, yellow globe	.85	2.25	6.75
June Pink. Second-early pink	.65	2.00	5.75
Livingston's Globe. Mid-season pink	.85	2.25	6.75
Oxheart. Pink	1.00	3.50	10.00
Ponderosa. One of largest mid-season pink	.85	2.50	7.50
Red Cherry	.65	2.00	6.00
Red Currant	.65	2.00	6.00
Red Peach	.65	2.00	6.00
Red Plum	.65	2.00	6.00
Rutgers. Red	.60	1.85	5.50
Rutgers, Certified	.65	2.00	6.00
Stokesdale	.60	1.85	5.50
Stokesdale, Certified	.65	2.00	6.00
Wisconsin No. 55 Fine New Introduction	1.25	....	.....
Yellow Pear	.65	2.00	6.00
Yellow Peach	.65	2.00	6.00
Yellow Plum	.65	2.00	6.00
Stone, Improved. Medium early red	.50	1.50	4.50
Italian Canner	.65	2.00	6.00

Resistant Varieties

Break O'Day. Red	.65	1.65	5.00
Break O'Day. Certified	.75	1.85	5.50
Grothen's Globe	.75	1.90	5.65
Marglobe. Red	.60	1.85	5.50
Marglobe, Certified	.65	2.00	6.00
Pritchard, Certified	.65	1.65	5.00

Forcing Sorts

	Pkt.	Oz.	Lb
Bonny Best. Red	$0.25	$2.50	....
Livingston's Globe. Pink	.25	3.50	....
Grand Rapids. Red	.25	2.50	....
*Michigan State. Red	.25	2.50	....
*Sureset. Pink	.25	2.50	....
Waltham Forcing	.25	2.50	....

TURNIP

	Lb.	5 lbs. per lb.	25 lbs. per lb.
Early White Milan. Earliest of all	$0.85	$0.75	$0.70
Early Extra Purple Top Milan	.85	.75	.70
Purple Top Strap Leaf	.85	.75	.70
White Egg	.85	.75	.70
Purple Top White Globe	.85	.75	.70
Large Yellow or Amber Globe	.85	.75	.70
Golden Ball or Orange Jelly	.85	.75	.70
Cowhorn or Long White	.85	.75	.70
Early Snowball	.85	.75	.70
Seven Top	.75	.70	.65
Shogoin or Foliage Turnip	.75	.70	.65

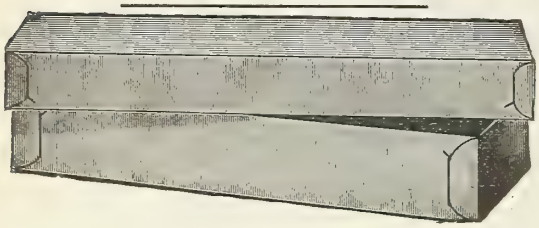
RUTABAGA OR SWEDE

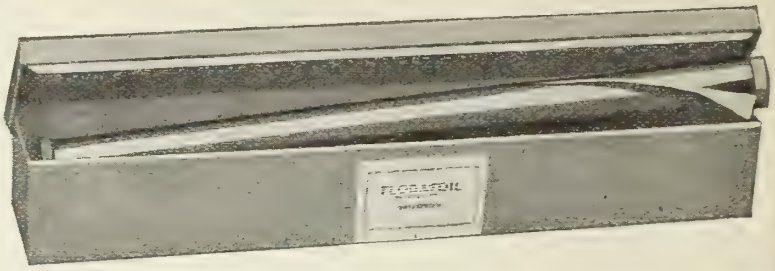
Vaughan's American Purple Top Improved	.75	.70	.65
Laurentian	.75	.70	.65

These Prices Subject to Change Without Notice.

Supplies for the Florist Shop

CUT FLOWER BOXES





WHITE—Full Telescope patent coated.

24x5x3½.....$ 8.95 per 100
30x5x3½..... 9.45 per 100
28x8x5..... 14.95 per 100

CORSAGE BOXES

9x5x4.....$6.85 per 100 | 12x5x4.....$7.25 per 100

Owing to the uncertainty of the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

FLORAL DESIGN BOX—MIST GRAY

Full Telescope. 36x14x8. Price per bundle of 25.....$9.35

Prices subject to change without notice.

PAPER—TISSUE, WAX

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), $3.00; 10 reams (4,800 sheets), $28.50; F. O. B. New York, ream (480 sheets), $3.15; 10 reams (4,800 sheets), $30.00.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, $3.50; F. O. B. New York, 480 sheets, $3.60.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, $3.75; F. O. B. New York, 480 sheets, $3.85.

Green Wax Tissue Rolls 3". Handy wax tissue for all types of wire designs. Prices per box of 12 rolls, $2.50.

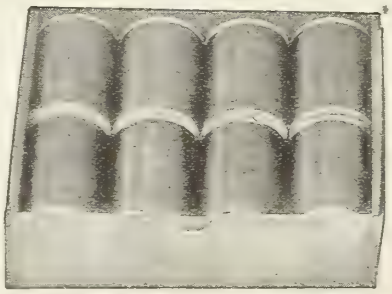
Waterproof Crepe Paper. In green, pink, lavender, yellow, purple; per roll, 35c.

Scotch Cellulose Tape Transparent ½ wide x 2592 inches, price per roll, $1.08; 12 rolls at 98c per roll; 48 rolls per roll, 87c.

SCOTCH CELLULOSE TAPE DISPENSER. Desk size, each, $1.40; heavy duty, each, $1.95; weight, 8 lbs.

TWINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack, $4.45.

Write for prices on larger quantities.



Florists' Thread, Green. Best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.75; 10 boxes for $16.50.

Green Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, $1.35. 5 boxes at $1.25 per box.

Green Twine. 2 lbs., per cone, $2.50; 3 cones for $7.25.

Colored Scotch Cellulose Tape ½ inch wide x 2592 inches. Per roll, $1.20; 6 rolls, per roll $1.08. Available in the following colors: Red, Blue, Green, Orange, Yellow, White and Silver.

Florist-Foil. Colored aluminum foil used for pot covers, etc. Rolls, 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, $1.25; 10 rolls for $11.00.

Polka Dot Embossed Florist Foil. In all colors. Rolls 20 inches wide, 50 feet long, each $1.30, 10 rolls $12.00.

CELLOPHANE BAGS

Most popular sizes for corsage use No. 300 moisture proof and regular square top.

	Packing per Carton	Weight	Price per 1,000
4" x 2¾"x 9"	1000	10 Lbs.	$ 9.50
5½"x 3¼"x12"	1000	16 Lbs.	16.50
5" x 5"x14¾"	1000	22 Lbs.	24.50

We do not break cartons.

PIN FLOWER HOLDERS

Solid brass needle pointed nails.

Closely cast in heavy lead alloy base. Guaranteed not to rust.

Sprayed with aluminum metallic paint.

Shapes round and oblong.

No. 100 round 1 1/16 in. dia., doz.....$1.45

No. 100A square 1¼ in. dia., doz.....$1.50

No. 101 round, 1⅝ in. dia., doz.....$1.75

No. 102 round, 2 7/16 in. dia., doz.....$3.60

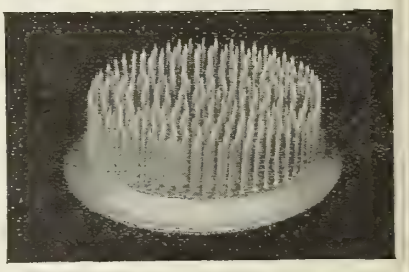
No. 104 round, 3 1/16 in. dia., doz.....$5.40

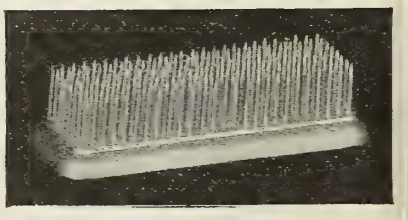
No. 107A round, 4 in. dia., doz.....$8.40

No. 200 oblong, 3⅜ x 1 3/16 in., doz.....$3.30

No. 201 oblong, 4 x 1½ in., doz.....$4.85

No. 202 oblong, 5¼ x 1¾ in., doz.....$7.20

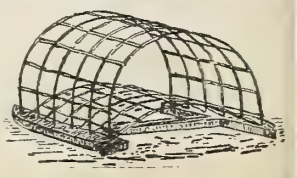


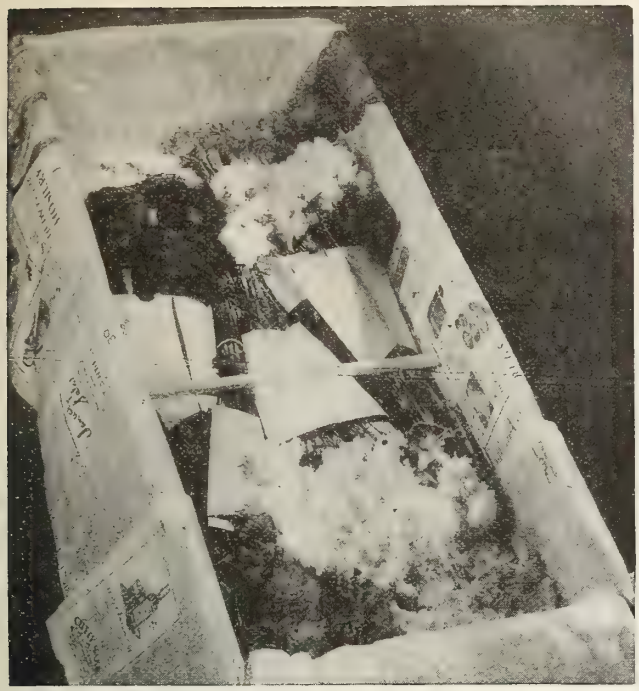


PERFECTION FLOWER ARRANGERS

All numbers packed in boxes of one dozen.

	Retail	Per doz.
Size #1, 3½x2½x2 in.	75c	$4.50
Size #2, 3½x3 x3 in.	85c	5.15
Size #3, 2½x2½x2 in.	50c	3.50
Size #4, (for Sweet Peas., etc., ¼" mesh). 2½x2½x 2 in.	50c	3.50





CARNATION PACK. Your carnations deserve proper packing. Price 1,000, $22.50; 5,000 for $102.50; 10,000 for $190.00; 50,000 for $887.50. Sold only in original cartons of a full 1,000. Printing one color $3.00 per 1,000 extra. 10,000 or more printed one color free.

WIRED PICKS.

2½-inch Plain	Box of 10,000	$3.95
3 -inch Green	Box of 8,000	5.45
4 -in. Green	Box of 4,500	4.95
6 -in. Green	Box of 3,000	4.95

UNWIRED PICKS.

4-inch Green	Box of 4,000	$2.25
6-inch Green	Box of 3,000	2.25

WIRE. (Prices subject to change). **Florist Wire** on 12-lb. coils.

No. 18	$1.85
No. 20	2.15
No. 22	2.40
No. 24	2.85
No. 26	3.25
No. 28	3.95

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

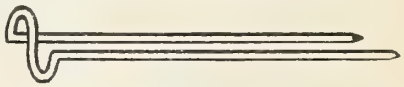
No. 18	20	21	22	24	26
$1.90	$2.20	$2.30	$2.50	$2.90	$3.35

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, 100-lb. coil, $11.45. No. 18,100-lb coil, $12.45.

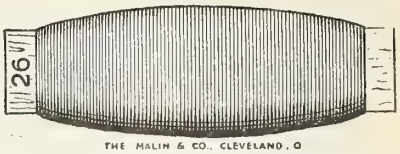
BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 75c; 10 boxes for $7.00

Prices Subject to Change Without Notice.

FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, $3.00.

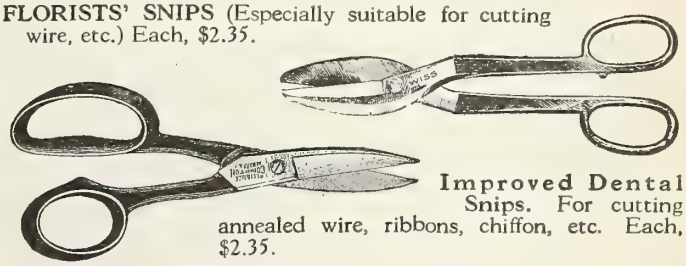


MALINS EXTRA SOFT FLORAL BINDING WIRE.



These sticks fit the hand. Handy for tying sprays, bunting, wreaths, etc. Put up in boxes of 20-¼ lb. sticks, total weight per box 5 lbs. #22, $1.95 per box; #24, $2.35 per box; #26, $2.65 per box; #28, $3.25 per box; #32, $3.95 per box and #36, $5.60 per box.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $2.35.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $2.35.

FLORIST CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection. Packed in packages of 25 of one style.

CARDS WITHOUT CABINET.

250 assorted at	$1.35	1000 assorted at	$3.50
500 " "	1.95	2000 " "	6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 65c, 500 for $1.25, 1,000 for $2.25.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

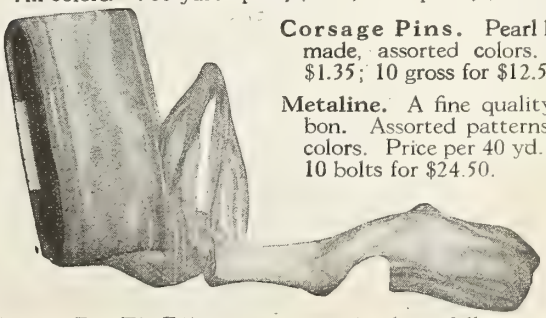
Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, $1.45. Box of 20 spools at $1.35 spool.

Pot Tie Ribbon. A good grade of ribbon which can be used around pots, small corsages, etc. No. 5, 50 yard bolts in all popular shades. Price per 50 yard bolt, $1.35; 20 bolt lots at $1.30 per bolt.

White Shower Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, $1.95; 10 spools for $8.75.

No. 1½ Baby Ribbon. Any color. Spool of 100 yards, $1.35, doz., $15.00.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, $1.35; doz. spools, $13.80.



Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.35; 10 gross for $12.50.

Metaline. A fine quality spray ribbon. Assorted patterns in popular colors. Price per 40 yd. bolt, $2.60; 10 bolts for $24.50.

Plastic Pot Tie Ribbon. 100 yard bolts in following shades: light green, red, pink, yellow, white and lavender. Price per bolt, $1.45.

Wreath and Bouquet Materials

Letters, Figures and Clock Dials

CLOCK DIALS. Made of finest felt. Colors: Purple and White and White and Purple. Price, 4 inch, ea., 30c; doz., $3.00; 7 inch, ea., 50c; doz., $5.40.

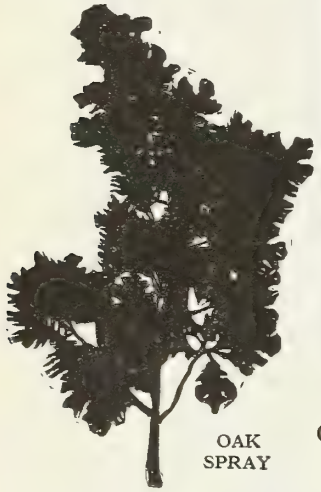
GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 15c; per 100 words, $1.40; per 1,000 words, $12.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, $1.95.

GYPSOPHILA (Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, $1.65; 10 bunches for $15.50.

COLORED GYPSOPHILA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, $2.10; 5 bunches for $10.00.

GYPSOPHILA



OAK SPRAY

OAK BRANCHES, Prepared, Brown, Red and Green.

Prices	Short	Long
10 lbs.	$3.50	$3.25
25 lbs.	8.25	7.50

Specify color when ordering.

LYCOPODIUM. Prepared. 10 lbs. to carton, $3.25; 25-lb. carton, $7.50.

STATICE NATURAL WHITE. Used extensively in Wreaths and Baskets. Natural per lb., $1.10; 10 lbs. for $9.50.

Write for prices on larger quantities.

TIN FOIL. 5, 6 or 7 inch, 1 lb., 30c; 25 lbs., $6.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., $4.00.

STATICE

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.

Spray Bars

3½ ins. wide, 2 ins. thick

Length	Each	Length	Each
8 ins...	$0.17	20 ins...	$0.32
12 ins...	.20	22 ins...	.35
14 ins...	.22	24 ins...	.37
16 ins...	.25	30 ins...	.41
18 ins...	.29		

Spray Bars

4½ ins. wide, 2½ ins. thick

Length	Each	Length	Each
18 ins...	$0.41	36 ins...	$0.71
24 ins...	.50	42 ins...	.79
30 ins...	.61	48 ins...	.85

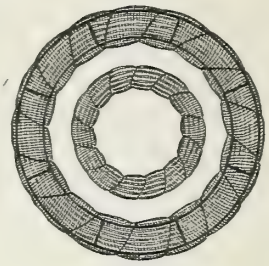
Spray Bars

6 ins. wide, 2½ ins. thick

Length	Each	Length	Each
24 ins...	$0.61	42 ins...	$0.91
30 ins...	.68	48 ins...	1.18
36 ins...	.77		

Crosses

Size	Each	Size	Each
18-in....	$0.52	30-in....	$0.96
20-in....	.58	33-in....	1.08
22-in....	.65	36-in....	1.55
24-in....	.73	42-in....	2.25
27-in....	.82	48-in....	2.65



Wreaths

Size	Each	Size	Each
10-in....	$0.26	24-in....	$0.70
12-in....	.30	27-in....	.85
14-in....	.36	30-in....	1.15
16-in....	.42	33-in....	...
18-in....	.48	36-in....	...
20-in....	.55	42-in....	...
22-in....	.62	48-in....	...

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.

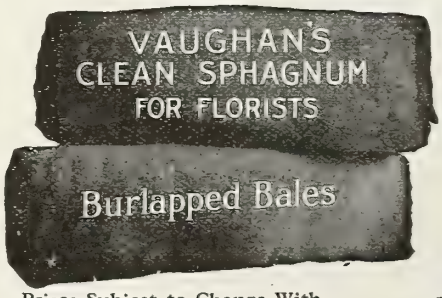
Prices subject to change without notice

STAR FLOWERS (DIAMOND FLOWERS). Small natural dried flowers, dyed in a variety of colors, suitable for all kinds of floral and decorating work. Can be had in the following colors, red, green, pink, yellow, dark blue, light blue, purple, lavender, orange, cerise, brown, dubonnet, orchid, salmon, autumn color and natural white. Packed 1 oz. to bunch, 16 bunches or 1 lb. to carton. Per carton, $3.25.

No. 610 WAX PAPER ROSES. Natural imitation, on short wire stem; colors, red, pink, white, yellow. Packed 200 to box. Per box, $8.00.

No. 9C WAXED CARNATIONS. Natural imitation, on wire stem; colors, red, pink and white. Packed 200 to box. Per box, $8.00.

SPHAGNUM AND SHEET MOSS



PHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

Bales. (45x14x16 inches). **F. O. B. Wisconsin Points. For carloads, write us.**

Prices Subject to Change Without Notice.

		F. O. B. Chicago	F. O. B. Woods
1 to 5 bales	Each,	$2.35	
6 to 10 bales	"	2.25	Each, $2.10
11 to 24 bales	"	2.10	" 2.00

New York Prices 60c per bale higher. Cartage Free.

Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, $2.75; 3 sacks, $8.00.

Order Early as the Above Prices are Expected to Advance.

Plant Stakes and Supports

Wood Stakes, Green Painted

Medium weight pointed.

3 ft., per 100, $5.95; 4 ft., per 100, $8.95; 5 ft., per 100, $11.45.

Wood Stakes, Green Painted, Heavy Grade

4 ft., per 100, $11.45; 5 ft., per 100, $13.95; 6 ft., per 100, $16.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet	$1 00	$4 75	$ 9 25	$1.00	$5.00
2 feet	1.20	6 95	13.50	1.20	7 15
2½ feet	1.35	8 00	15.80	1.35	8 45
Natural. 6 ft.	2.50	18.75	....	2.50	18.95
3 feet	1.65	9.75	18 80	1.65	9.95
3½ feet	2.00	11.25	22 00	2.00	11.75
4 feet	2.25	12.50	24 00	2.25	12 75

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

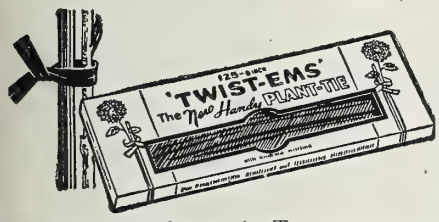
Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$8 00	$8.25
4 ft.	⅝ to ¾ inch	8 50	8.75
5 ft.	⅝ to ¾ inch	9.50	9.00
6 ft.	⅝ to ¾ inch	10.50	10 00
7 ft.	⅝ to ¾ inch	12.50	12.00

Galvanized Wire Stakes

	No. 8 ga. per 1000	No. 9 ga. per 1000		No. 8 ga. per 1000	No. 9 ga. per 1000
3 ft.	$21.00	$18.95	6 ft.	$39.50	$35.50
4 ft.	27.00	23.75	7 ft.	46.75	.....
5 ft.	34.00	29.50	8 ft.	54.00	.....

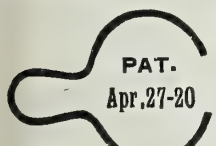
Prices subject to change without notice.

WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 90c; 6 doz., for $4.80.



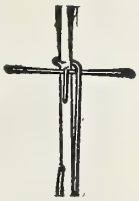
TWIST-EMS

New handy utility plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. For all types of plants and other vegetable crops. Price 4 inch per 1,000, 90c; 25,000 lots at 80c per 1,000; 8 inch per 1,000 $1.65; 25,000 lots at $1.55 per 1,000; 12 inch per 1,000, $2.50; 25,000 lots at $2.25 per 1,000; 16 inch per 1,000, $3.50; 10,000 lots at $3.20 per 1,000. Write for prices on larger quantities.



PLANT TIES Lighting Wire. Per box of 1,000, $1.95; 5 or more boxes, $1.90 per box. Shipping weight per box, 2 lbs.

Eureka Stake Fasteners. For roses, 'mums, etc., up-to-the-minute stake holder; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.45 per 1,000. 5,000 for $12.00. Samples mailed free.



STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.50; 10 boxes or more, $1.40 each.

RAFFIA. **Natural, Best Grade, F. O. B. Chicago.** Lb., 65c; 5-lb. lots, per lb., 60c; 10-lb. lots, per lb., 58c; 25-lb. lots, per lb., 55c; 100 lbs., per lb., 53c. Bale lots (about 225 lbs.), per 100 lbs., $52.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

GRAFTING WAX. Per ¼-lb. bar, 30c; ½-lb. bar, 45c; 1 lb., 70c.

Above prices subject to change without notice.

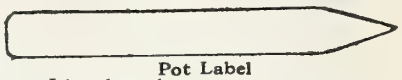
Labels for Plants, Pots and Gardens

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inch. Price per 100, $1.85.

COPPER LABELS. Wired, indestructible. Per 100, $1.75; per 1,000, $16.00; larger size, per 100, $2.25; per 1,000, $19.50.

EVERLASTING ZINC LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 90c; 500 for $4.00.

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide.



Pot Label

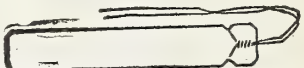
When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$2.20	$2.65
5-inch	1000	2.45	2.90
6-inch	1000	2.70	3.30
8-inch	500	4.00	5.00
10-inch	500	5.00	6.00
12-inch	500	6.00	7.15

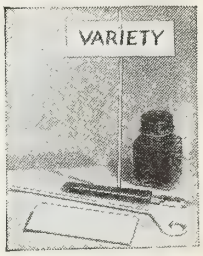
GARDEN STAKES

	Packed to Carton	Plain, Per 1000	Painted Per 1000
8-inch— ⅞ inch wide	250	$6.60	$ 7.70
10-inch— ⅞ inch wide	250	7.70	8.80
12-inch—1⅛ inches wide	1000	11.00	12.95

LABELS (Tree). Wooden, 3½ in., copper wired. Per 1,000, plain, $2.80; 5,000 to 9,000, per 1,000, $2.75; painted, per 1,000, $3.30; 5,000 to 9,000, per 1,000, $3.25.



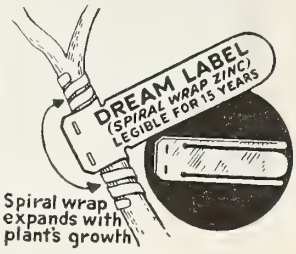
ADAMS Garden Marker is a weather-proof lable of masonite, ⅛ inch thick, 1 x 3 inches, ⅛-in. thick, coated with aluminum based waterproof paint. It is held at the right tilt to be legible from standing position, on 10½ inch metal stake with swan-neck locking curve. Kit of 24 markers with ink and marking pen, **$2.00**; per doz. kits, **$16.00**; 24 additional markers without pen and ink. Price, **$1.50**; doz. pkgs., **$12.00.**



DREAM LABEL

EXPAND AS PLANT GROWS.

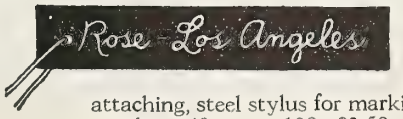
Dream Lables are made of rustless zinc, 1x4 inches, with prongs that can be spiraled around stem and will expand with growth. Data etched with acid remain legible for 15 years. Inconspicuous, enduring, noncorrosive.



"KIT" size, 24—4 inch LABELS, one oz. of Etching Ink (enough for 200 LABELS) and a writing applicator for **85c**; per doz. kits, **$6.80.**

50 Zinc LABELS, one oz. of Etching Ink and writing applicator for **$1.50**; doz. **$12.00.**

1,000 Zinc LABELS, 5 oz. bottle of Etching Ink and applicator for **$14.95.**



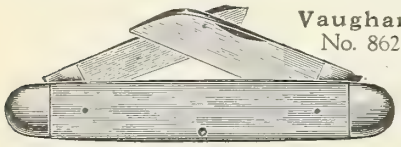
No. 31 SIMPLEX. Green Weather-Proof Plant Labels. Price includes copper wires for attaching, steel stylus for marking. No. 31, size, 3x½ inch, per doz., 40c; per 100, $2.50.

FLORISTS' KNIVES

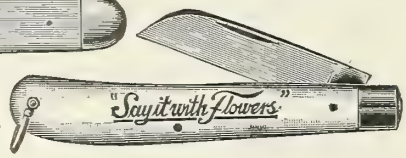
The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

No. 5A	Each	3 for
Budding, No. 5A. Black handle; brass lined	$3.00	$8.25
Budding, Beech Wood Handle. Per doz., $4.80	.50	1.25

Vaughan's Florist (Patterned after Henckel's which cannot be had.)
Vaughan's Florist—3 for $6.50 ..... Each, $2.25
Putty Knife—No. 120, a very good tool; 3 for $1.25 ... Each, .50
Pruning, Stag handle ..... Each, 3.50
Schrades Heavy Perfect Pruning Knives No. 123EW, similar to Henckel No. 3C ..... Each, $3.25



Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, $3.00; doz., $33.00.

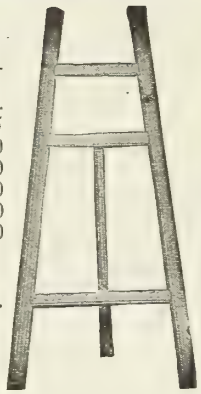


White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $2.25; 3, $6.25.

WOOD EASELS

Strong, well made, finished in white.

Height	Ea.
36 inch	$0.65
42 inch	.70
48 inch	.90
54 inch	1.00
60 inch	1.10
66 inch	1.20



RUBBER APRONS. Black Lightweight. Each, $2.95.

TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., $3.00, packed 24 to a carton at $5.80 per carton. Retail at 40c each.

We can also supply the larger heads. "Buddy" with seed at doz., $3.85; per carton of 24, $7.20. Retail at 50c.

Bowls For Growing Bulbs

No. A. Pottery Bulb and Flower Bowl Assortment. This assortment consists of the following: 15—6-in. bowls; 15—7-in. bowls and 6—8-in. bowls. The assortment retails for about $1.500 and comes in assorted colors of yellow, blue, old rose and white. Price per complete assortment, $13.95.

F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green. 6-in. diam., doz., $3.95; 7-in. diam., doz., $4.95; 8½-in. diam., doz., $6.25.

PEARL CHIPS AND PREPARED BULB FIBRE

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at 10 lbs., 95c; 25 lbs., $1.75; 100 lbs., $5.25.

Pearl Chips, White, for growing Bulbs in bowls at $3.25 per 100 lbs.

Pearl Chips, Colored, $3.50 per 100 lbs.

Write us for prices on larger quantities.

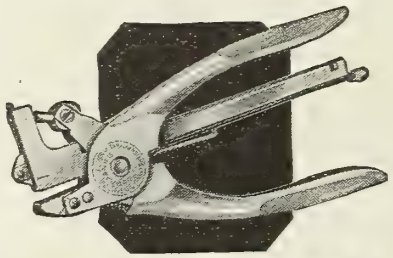
Place orders early to insure getting desired colors.

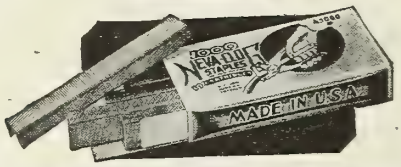
NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers.

Florists' Model S100.

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has ⅜-inch jaw and uses ¼-inch and 9/32-inch staples as listed elsewhere on this page. Price, each, $5.25.





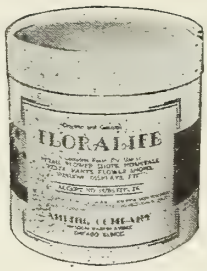
STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

A—1000 ¼-inch legs. Per 1000, 35c

L—1000 9/32-inch legs. Per 1000, 35c

10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c



Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

Handsome, Colorful Counter Displays

FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, $1.25; 100 2-qt. size, $5.00.

Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer!

FLORALIFE IN BULK

30-qt. size ($1 retail)	$ 0.60
100-qt. size ($3 retail)	1.75
250-qt. drum (10 lbs. net)	4.00
500-qt. drum (20 lbs. net)	7.50
1000-qt. drum (40 lbs. net)	13.50
2000-qt. drum (80 lbs. net)	25.00

BULK SIZES

FLORAGLOW New Beauty Treatment for your potted plants. Gives leaves a beautiful luster. Makes plants glow and grow! Price per case of 2 dozen 6 oz. bottles $4.15; case of 12 quart bottles $10.10; 1 gallon $2.00.

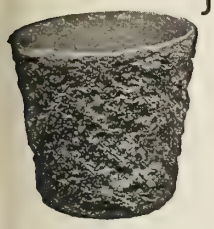
FLORAWAX

A brand new emulsion to use on set pieces and corsages to produce transparent coating. Retards wilting. Set pieces now can stay crisp and fresh. Easy to use too, just dip and dry for 15 minutes. Complete directions on label. Florists have long been seeking such a product. A coating free from drawbacks. 5 gal. drum each, $10.00.

Jardiers, Vases and Tubs—Thermometers

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

PAPER MACHE CONTAINERS
JARDIERS FOR STANDARD SIZE POTS



In Imitation of Pottery — Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 3	4¼ in.	100	$ 6.50
No. 4	5¼ in.	100	8.50
No. 5	6¼ in.	80	11.00
No. 6	7¼ in.	50	14.00
No. 7	8¼ in.	35	22.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

VASES

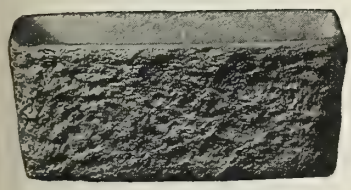
No. 400 Rose Vase, Height 10 in., Top Diam. 5 in., per carton of 40, $6.00.

No. 500 Spray Vase, Height 10 in., Top Diam. 7½ in., per carton of 18, $4.50.

No. 700 Mum Vase, Height 13½ in., Top Diam. 9½ in., per carton of 12, $6.00.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	$ 7.60
255	6½ in.	5¼ in.	12 in.	8.95
257	6½ in.	5¼ in.	15 in.	9.95
57	5 in.	3½ in.	5 in.	6.00
59	6½ in.	5½ in.	7 in.	7.75
65	7½ in.	6½ in.	8 in.	8.60
66	9 in.	7½ in.	10 in.	10.80
68	9 in.	7½ in.	12½ in.	12.60
68B	9 in.	7½ in.	15½ in.	13.95
69	9 in.	7½ in.	18 in.	14.60
70	9 in.	7½ in.	24 in.	17.95

Galv. Vase

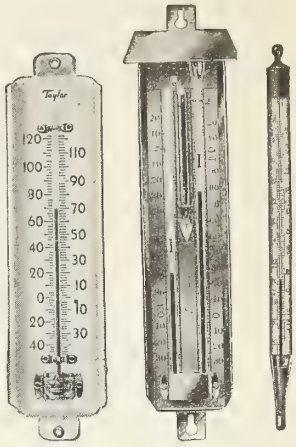
Price Subject to Change.

FLOWER TUBS "Richmond Style". These are made of finest fir lumber, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Prices F. O. B. Chicago. Prices subject to change without notice.

Inside top Diameter	Depth Inside	Price Each	Four for
7 in.	6 in.	$0.90	$ 3.40
8 in.	8 in.	1.00	3.80
10 in.	9 in.	1.30	5.20
12 in.	11 in.	1.65	6.40
14 in.	13 in.	2.15	8.20
16 in.	15 in.	2.65	10.20

In lots of 12 tubs less 5%.

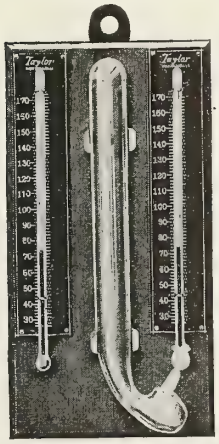
THERMOMETERS. TinCase. Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $2.75; 3 for $7.50; doz., $28.80.



Taylor **Self Registering** **Hotbed**

Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, $10.00.

Taylor Utility Thermometer. White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, about 8 inches. Each, $1.25; three for $3.50; doz., $13.60.



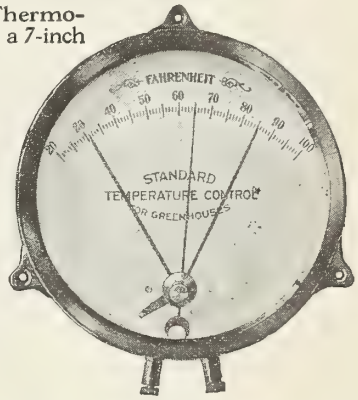
Hotbed (Mushrooms). All glass heavy plain, each, $1.35; 3 for $3.75.

No. 5532-S HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, $5.50. Wicks for Humidiguide, per dozen, $1.50.

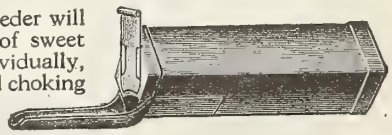
Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $60.00.

Standard Greenhouse Thermostat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $22.00. Shipping weight, 4 lbs.



Standard Greenhouse Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, $17. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.

New Handy Seeder



This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for $1.45; doz., $5.40; retails at 60c each.

Glazing Materials and Hotbed Supplies

CUPRINOL SPECIAL. A special grade for dipping of flats and stakes. 5 gal. drum, $9.25; 50 gal. drum, $87.50.

CUPRINOL WOOD PRESERVATIVE. Stops rot around the greenhouse. One gallon covers and preserves approximately 400 sq. ft. of wood. Price per gallon, $2.90; 5 gals. for $14.00; 50 gal. drum, $135.00.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 55 gal. drums at $3.30 gal. 5-gal. kegs, $17.25; gal. cans, $3.55. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $4.00; 50 lbs., $7.75; 100 lbs., $14.00; 350 lbs., $45.50; 500 lbs., $60.00, green 1c per lb. higher, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. bag, $9.00; Barrel of 400 lbs., $28.00. Green, 2c per lb. higher.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.10 a gal.; 10 and 5-gal. drums at $1.40 a gal.; 1-gallon can, $1.65.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $4.95.

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint. Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. 5 gallons, $24.75.

Vita Bedding Compound. An excellent elastic compound for rebedding. 5-gal. pails, $19.75.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., $3.00; 5 gal. can, $14.50; 30 gal. drum, $84.00.

PUTTITAPE. 1½ in. width. A wonderful new method of glazing. New ever-soft gum now mounted on tape made of lead foil to protect it. Comes to you in handy rolls. Just unroll on the sash and bars. Price per roll of 125 ft., $3.75; 1000 ft., $30.00.

PUTTIROPE. A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. Put up 500 ft. to box, price per box, $2.50.

PUTTY KNIFE, No. 120. A very good tool. Each, 50c; 3 for $1.35.

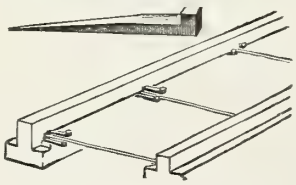
MT. BEACON SHADING COMPOUND. Green, gal., $4.30; 5 gal. drum, $19.50; complete directions on each container.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 65c; in lots of 5 lbs., 60c per lb.; No. 2½. Per lb. (about 800), 65c; 5 lbs. at 60c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED.



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, ⅝ and ⅞ in. long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 55c; 5 lbs., $2.50; 20 lbs., $9.25.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.50; 3 for $4.35; doz., $15.00.

Prices subject to change without notice.

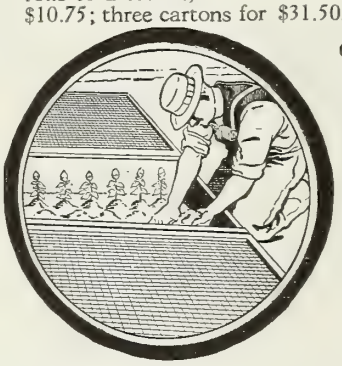
Glass Cutter Trojan Roller Type. Doz., $2.85; each, 30c.

HOTBED MATS

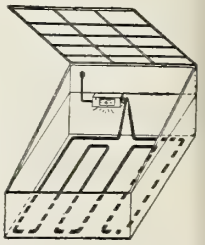
For protecting Hotbeds, made of poplin, material, vat dyed and Sanforized to make, them damp proof, 40x76", price each, $6.75; dozen, $75.00; 76x76" price each, $8.75; dozen $99.00.

VITAPANE GLASS SUBSTITUTE. Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for greenhouses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, $9.75; 5-roll lots at $7.75 per roll.

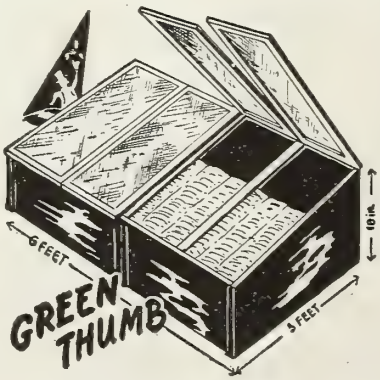
GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, $10.75; three cartons for $31.50.



CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, $7.60; 100 ft. roll, $28.50. 28 inches wide, 100-ft. roll, $23.50.

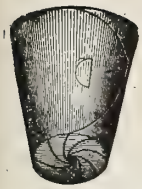


GRO-QUICK Electric Seed Bed Heater. Soil heating cable and thermostat. Jr. package contains thermostat and 40 ft. 200 watt cable for 3x6 ft. hot bed or 25 square ft. of cold frame. Price $4.95 ea.; 3 for $13.50. Sr. package contains thermostat and 80 ft. 400 watt cable for 6x6 ft. hot bed or 50 square ft. of cold frame. Price $6.35; 3 for $17.50. Jr cable only price $1.45; Sr. cable only price $2.85.



ALUMINUM COLD FRAME. This complete self-insulating cold frame, will be a boon to those unable to obtain standard glazed sash. Measures 3 by 6 ft., divided into four sections, sash glazed with Vimlite celanese plastic which admits ultra-violet rays and is hail proof. Made of 3-S Aluminum. It is strong and rigid; yet sash are light and windproof. Packed in carton, weighing about 17 pounds, easily assembled in 10 minutes. F.O.B. Chicago, Ill., or New York City, each, **$17.50. Suburban Size** same construction as above, 3x3 ft. Price, **$11.95.** Weight, 11 lbs. packed. Add to units for either size above 3x3 ft., each, **$8.95.**

Paper Pots and Plant Bands



Prices on pots subject to change without notice

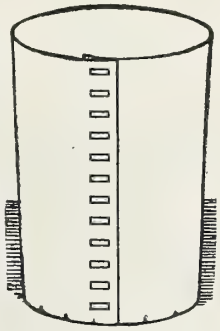
IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000 F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.80	$ 5.85	$ 5.95	1,000	10 lbs.
2¼	.85	5.90	6.00	1,000	12 lbs.
2½	.95	5.95	6.10	1,000	16 lbs.
3	1.35	6.75	6.85	1,000	24 lbs.
3½	1.50	9.00	9.15	1,000	34 lbs.
4	1.60	10.15	10.35	500	46 lbs.
5	2.25	12.95	13.25	500	75 lbs.
6	2.70	16.50	16.80	500	102 lbs.

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Per Case Quan.	Per Carton Ship. Wt.	Price per Carton F.O.B. N.Y.	Price per Carton F.O.B. Chi.
2 inch	1,000	14 lbs.	$ 9.50	$ 9.65
2¼ inch	1,000	16 lbs.	9.60	9.80
2½ inch	1,000	22 lbs.	10.25	10.50
3 inch	1,000	28 lbs.	11.95	12.10
4 inch	500	26 lbs.	9.45	9.65
5 inch	500	44 lbs.	13.00	13.20
6 inch	500	62 lbs.	17.00	17.20

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.



Cloverset Plant Pots

Standard Heavy Weight Cloverset Pots

No.	Height	Diam. Top	Diam. Bottom	Weight per 100	Per 100	Per 1,000
0	5 in.	5 in.	4½ in.	35 lbs.	$2.75	$25.00
1	6½ in.	6 in.	5½ in.	52 lbs.	4.00	37.50
2	9½ in.	7 in.	6½ in.	77 lbs.	4.50	42.50
3	9 in.	8 in.	7½ in.	88 lbs.	5.00	47.50

Above prices are F.O.B. Kansas City. Freight will be added when shipped from Chicago.

BIRD GROWTH-STIMULATING PLANT BANDS

A band for every purpose. Units of 1,000 only.

Vita-BanD 40. Designed for all-around use, especially for long growing periods. Ideal for carnations . . . Treated with nutrients to assure vigorous, well-balanced growth. A heavy and sturdy plant band.

Per	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
New York— 1,000	$4.25	$4.70	$5.05	$5.50	$6.30	$7.35
Chicago— 1,000	4.35	4.85	5.20	5.65	6.50	7.55

Vita-Band 10. Also designed for growing periods up to 8 or 10 weeks. Has the same quick set-up and fast handling features **without** nutrient treatment. A low-priced band giving satisfactory results for the shorter growing periods. May require an occasional liquid feeding.

Per	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
New York—1,000	$2.90	$3.25	$3.78	$4.15	$4.55	$5.90
Chicago— 1,000	3.00	3.35	3.90	4.30	4.75	6.10

The above plant bands made of fibre-resin materials developed by extensive research work. Tested and proved under all growing conditions by successful greenhouse operators.

NEPONSET "TOM THUMB" FLATS

Made of heavy fibre resinous material. Easily set up. Comes in two sizes to hold either a dozen 1¾-inch bands or a dozen 2-inch. You will find these ideal for counter sales of bedding or vegetable plants. Price, size No. 1, $31.30 per M; complete with 12,000 bands, $78.30 per M; size No. 2, $34.30 per M; price complete with 12,000 bands, $85.00 per M; f.o.b. East Walpole, Massachusetts.

Orders for shipment East of Pittsburgh will be shipped out of East Walpole, Mass. Orders West of Pittsburgh, and including Pittsburgh will be shipped out of Chicago.

PANSY BASKETS

Price, 1 qt. size, 500 for $13.25; 1000, $26.00.

Price, 2 qt. size, 500 for $14.75; 1,000 for $28.00; 3 qt. size, 500 for $16.50; 1,000 for $31.00.

WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors.

Packed 1000 to carton.	Weight per 1000	Price per 1000
2 x2 x2½		$4.10
2 x2 x3	16 lbs.	4.25
2½x2½x3	20 lbs.	4.60
3 x3 x3	21 lbs.	4.95
3 x3 x4	32 lbs.	5.25
4 x4 x4	40 lbs.	6.10

Saves labor when potting. Prevents drain from clogging, thus promoting better plant growth. Easily installed at any time. Will not shift around. Placed in pot with points down. Size, 1⅞ in. dia., 22 galv. steel. Fits 3½ to 7 inch pots. Shipping weight, 24 lbs. per 1000. Prices, 500 for $6.00; 1000 for $10.00; 5000 for $45.00; 10,000 for $85.00. Sample on request.

EVER GRO POT DRAINS. Counter carton containing 100 packages of Ever Gro Pot Drains with six 4 color 4 x 6 in. display easels, which retail at 10c per package. Price, per carton of 100 pkgs. with easels, $6.00.

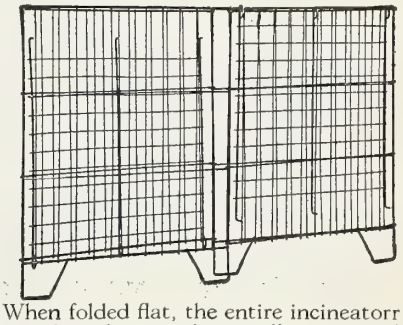
SEED FLATS

Made from clean Ponderosa Pine, knocked down, put up in bundles of ten flats each.

	Inside Dimensions	Per Bundle of 10
No. 3	21½ x 14 x 2¾ inches	$4.20
No. 3-A	21½ x 14 x 3¾ inches	4.65
No. 4	24 x 15 x 2¾ inches	4.85
No. 4-A	24 x 15 x 3¾ inches	5.20

Write for prices on Hotbed Sash.

FOLDAWAY INCINERATOR. All welded construction, painted green enamel. Ideal for burning leaves, paper, etc. Folds away flat. Height 24½ inches, depth 18½ inches, width 18½ inches. There are four sides, plus top and bottom, to insure that material burned in this incinerator cannot be carried away by the wind, to constitute a fire hazard. When folded flat, the entire incineatorr measures 37x24x1¼ inches and can be stored in small space until needed again. Price each, $2.35; doz., $18.80.



MILL CREPE DUPLEX TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; 10 rolls for $4.50; 25 to 49 rolls at 43c roll.

KAY-TITE. Masonry waterproof paint. Guaranteed permanently to water-proof cement cellars, cinder and concrete walls and floors, brick, tile, stucco and every type of masonry. Applied as easily as paint. Will water-proof from the inside, outside, below or above grade. Price per 10 lb. can $2.90; 50 lb., drum, $11.00.

AQUELLA. The scientific mineral surface coating that waterproofs and dampproofs interior porous masonry surfaces such as concrete masonry blocks, cinder blocks, cement plaster, stucco and brick. No. 1 for interior surfaces. Price 10 lb. bag, $3.95; 10 bags for $37.50. No. 2 for exterior surfaces. Price 10 lb. bag, $3.95; 10 bags for $37.50. When ordering specify type desired.

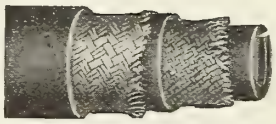
Rubber Hose, Couplers, Nozzles, Etc.

"AMEPCO"

GUARANTEED PLASTIC AMBER HOSE

Clear amber greenhouse hose, kink proof, crack proof, light as a feather, guaranteed for 5 years, equipped with precision machined fittings. A miracle of modern chemistry, a guaranteed plastic, originally designed and used for oil and fuel lines in war plants and battleships. The weather elements will have no effect and will not deteriorate this hose. Weighs only 25% of ordinary rubber hose making it very easy to carry where necessary. ¾ inch amber, price, 50 ft. length $17.50 each, coupled.

VAUGHAN'S ¾ INCH WATER HOSE. This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. **Price 24c per foot.** Couplings, 35c per set extra. This hose can be furnished in any length. **⅝ in. Single Braid Hose. Price, per 50 ft. length, $6.25. Price, ¾ or ½-inch couplings, 35c per set.**

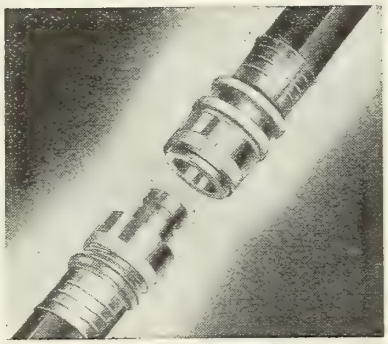


SPRAY HOSE. For high pressure spraying. ⅜-in., per ft., 30c; ½-in., per ft., 35c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 70c; doz., $7.20.

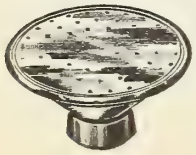
HOSE STRAPS, Caldwell. For ½, ¾ and 1-inch hose. Dozen, 50c; gross, $4.80.

THE NEW CRESCENT HOSNAP COUPLING. Screwing of couplings and twisting of hose eliminated. This coupling operates by merely pushing in. It locks quickly. Can be removed simply by pushing down collar. Made of brass. Price each, $1.25; doz., $12.00; 6 doz. lots, doz., $10.80;



EAS-E-GO HOSE COUPLINGS

Made of aircraft aluminum. The connection of a lifetime. Hose is coupled in a flash. Leak proof, does not tear the hose. Can be easily removed and reused on other hose. Free from rust. Price ¾ in. complete, each, 95c; per dozen, $9.00. Faucet ends each, 60c; dozen, $6.00; nozzle ends each, 50c; dozen, $4.80.



HOTHOUSE SPRINKLER

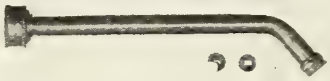
All brass, distributes water evenly; ¾ inch connection; 3 inch face, each, 75c; 4 inch face, each, 95c.

ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 95c; doz. $9.00.

LINCOLN PARK OR BUTTERFLY

Cheapest and best sprinkler made. Each, 90c; doz., $9.00.

Mounted on stand: 2-foot, $2.25; 4-foot, $2.50; 6-foot, $3.00.



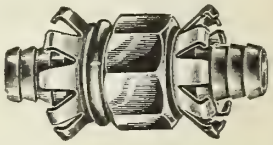
Paradise Syringing Nozzle. 10-inch, each, $3.20; 18-inch, each, $4.20; extra tips, each, 35c.

HOSE WASHERS. ¾-inch. Doz., 10c; gross, 60c.

BRASS CLINCHER HOSE COUPLING. Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 40c; doz., $3.60.

Brass Clincher Hose Mender

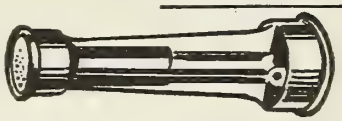
Price each, 15c; doz., $1.35.



JUSTRITE BRASS HOSE NOZZLE

For lawn and garden, can be changed from fine spray to stream. ¾ inch, each, 85c; doz., $7.20.

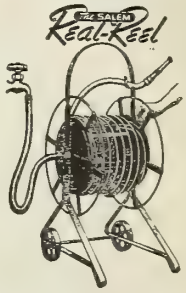
HAYES SPRINKL-AIR NOZZLE



Mixes air into water flowing through garden hose . . . almost magically changes harsh, stabbing streams to soft, lacy, beneficial "Rain". SPRINKL-AIR'S flow falls lightly onto freshly seeded lawns and gardens—no washing away of earth and seeds, no damage to tender seedlings and tiny plants. Price each, 69c; per doz., $5.60.

LONN WATER SAVER. For ¾ in. connections, has automatic positive valve water shut off. Each, $1.50.

REAL-REEL



The only portable reel permitting water to run through the reeled-up hose. Equipped with 5 ft. of accessory hose and connection to attach to hydrant as illustrated. Saves time and work. The hose does not need to be removed from the reel to connect it to the water current. Made of the best steel, very durable. Price each, $12.95 in lots of 4 when purchased for resale, $8.75 each.

NOZZLES FOR SPRAYING INSECTICIDES & FUNGICIDES.

Bordeaux Nozzle to fit a standard ¼-inch thread adjustable from fine spray to stream. Each, $1.35.

Vermorel Nozzle, non-clog, to fit ¼-inch thread. Each, $1.35.

Auto Pop Nozzle, including automatic shut-off. Each, $1.85.

Nozzle only, without shut-off. Each, 75c.

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, $1.45; 3 for $4.20; doz., $14.95.

Garden Irrigators

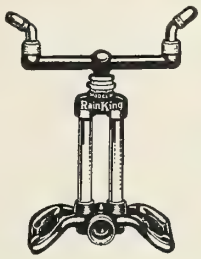
RAIN KING ADJUSTABLE HOSE NOZZLE

Can be adjusted from fine spray to stream. Price, each, $1.25; postpaid, doz., $10.00.

ROSS SQUARE SPRAY HEADS FOR SCIENTIFIC SPRINKLING

It sprinkles a square, making it easy for you to install your own underground system, at a very low cost. Threaded for ½ in. pipe, capacity 3¼ gals. per minute. Has a slotted adjusting screw to control the area of the spray. 54A. Price, per doz., $6.00. 64A. ½ or ¼ circle heads. Doz., $6.00.

RAIN KING SPRINKLER MODEL H

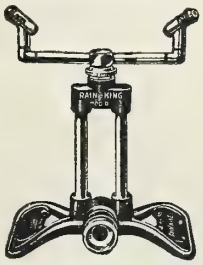


Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel. 11¼ in. tall; 9¼ in. from nozzle to nozzle. Price each, $5.95; 6 for $23.82, per doz. $44.40. Shiping weight, 5 lbs. each.

RAIN KING SPRINKLER MODEL K

Automatic, new, sensational sprinkler that you can set instantly to sprinkle any size circle 5 to 50 ft. by simply turning the button on top of the sprinkler. Price each, $6.95; 6 for $27.78, per doz., $52.20. Shipping weight, 5 lbs. each.

RAIN KING SPRINKLER MODEL D



Can be adjusted to operate slow or fast. Will operate on any water pressure. Price each, $4.95; 6 for $19.80, per doz., $37.20. Shipping weight, 4 lbs. each.

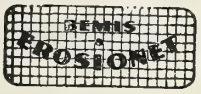
SOIL SOAKER

Irrigation hose for deep soaking. No. 0—12 ft., each, $1.20; six for $6.30. No. 1—18 ft., each, $1.60; six for $8.70; No. 2—30 ft., each, $2.35; six for $13.20; No. 3—50 ft., each, $3.75; six for $20.90.

EROSIONET

Use Erosionet for New Lawns, Weak Lawns, and Stubborn Terraces.

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2½ in. high. Width, 45 inches. Price per yd., 20c; 100-yd. lots, 18c per yd.; rolls of 250 yds., 17c per yard.



STAINLESS STEEL DIBBLE. Made of pure stainless steel. Outwears any other dibble made. Ease of use increases production as much as 10%. Added feature is the soil free angle which relieves the soil and prevents clinging to point. Price each $1.50; postpaid, $1.60.

ROSS ROOT FEEDER. Irrigates and feeds at the same time. Pointed tube easily thrust into ground to reach root area. With 12 nutrient cartridges complete, **$4.98**, 6 for **$18.00.** Extra cartridges, carton of 12, **$1.00**, doz. cartons, **$7.80.**

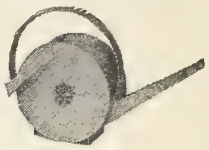
PROFESSIONAL WATERING POTS

For Florist's, Nurseries, Seed Growers and Estates.

8 qt. size, $7.95; 10 qt. size, $8.35.

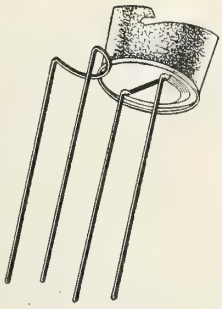
12 quart size, round, heavy watering pot with long spout and two roses, with brass handle. Price each, $9.00.

WATERING POT



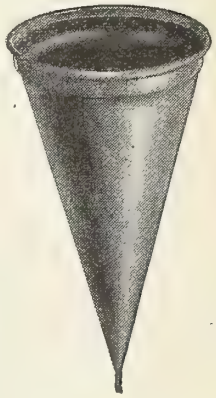
2 quart home size. Pastel green with rose design, for watering house plants. Each, $1.75, dozen, $14.00.

This light weight, yet durable tube, makes it easy to apply water to the garden soil exactly where needed, without wetting foliage or flowers, and without washing soil away from surface roots. Each $3.00; doz., $24.00.



FLAT BOTTOM CEMETERY VASE No. 2A

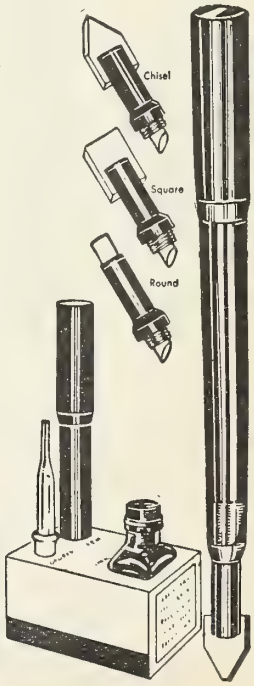
Detachable stem. Packed 3 doz. to carton. Price per carton, $4.25; gross, $16.00. Weight per carton, 11 lbs.



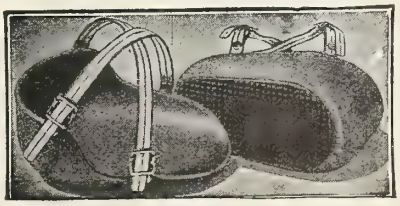
CONE SHAPED CEMETERY VASE No. 4

9½ in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, $4.25; per gross, $16.00. Weight per carton, 12 lbs.

SPEEDRY BRUSH PEN. This is the new amazing brush pen. Will write or mark on porous surfaces. It can be used on wood, leather, textiles, cardboard, paper, glass, tin and cellophane. The ink dries instantly and does not smear. When ordering specify type of nib; chisel, square or round. Price each with bottle of instant drying ink $1.85. Per dozen, $16.00. Extra nobs at 35c each; dozen, $2.80. Speedry Ink price, per 4 oz. bottle, 80c; 16 oz. bottle, $2.60; 32 oz. bottle, $4.50.



SEIVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $2.00.



KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, $1.50; 3 for $4.25.

New Greenhouse Insecticides

Sodium Selenate Makes Plants Poison Insects

Sodium selenate, which Dr. W. E. Blauvelt of Cornell University told a florists' meeting at Cornell University, "is out of the experimental stage," when applied to the soil in a greenhouse bench is absorbed by the plants, and makes them poisonous to insects.

Over 18,000 pounds have been used in 1946, sufficient to treat over a hundred fifty million square feet of greenhouse bench area. One treatment of the soil is effective for three to six months.

Not all insects are affected. It works best with soft plants like chrysanthemums, carnations, gladioli, cyclamens, saintpaulias, etc., and has not been found entirely effective on woody plants. It kills red spider and aphis on chrysanthemums and carnations, cyclamen mites on chrysanthemums and saintpaulias, foliar nematodes and midge on chrysanthemums.

Complete instructions for use are sent with the material and must be followed closely.

PURE SODIUM SELENATE is a granular powder, very concentrated: One pound treats 1,800 square feet of bench area. This material is completely water-soluble. 100 grams (makes 1 gallon) prepaid $1.50; per lb., $4.00; 25 lbs. $87.50; 100 lbs., $300.00. By express, charges collect.

P-40 IS TWO PER CENT SODIUM SELENATE and ninety-eight per cent carrier (superphosphate in the present material). It is a dilute material. Three pounds treat only 100 square feet of bench area. 3 lbs., $1.50 prepaid; 25 lbs., $4.25; 50 lbs., $8.00; 100 lbs., $15.00; 500 lbs. $70.00; 1,000 lbs. $130.00, by express, charges collect, 2,000 lbs., $250.00.

Azofume 90 (Azobenzene)

The new fumigant for controlling Red Spiders on roses. Price per 5 lb. package, $14.75; 10 lbs., $26.00; 25 lbs., $56.25; 50 lbs., $87.50; 100 lbs., $160.00.

AZOFUME 100. (Technical grade 100% Azobenzene). For use in electric or kerosene lamps generally used for fumigating with naphthalene compounds. Use in exactly the same manner as Fulex and other type vapors. Price, 5 lbs., $13.00; 10 lbs., $22.85; 25 lbs., $48.75; 50 lbs., $81.25; 100 lbs., $130.00.

AZOFUME 10 (Dusting Form). We consider this dust as an ideal addition to the Azobenzene family. Where small pockets of spider occur in greenhouses on carnation and roses, dusting with Azofume 10 fills in. Also recommended for outside use on phlox, roses and evergreens. Price 4 lb. pkg., $2.00; 50 lbs., $17.50.

AZOFUME 45 CANDLES. Now you can fumigate easily and simply with Azofume in candle form. Merely light them, and after the flame has spread a few seconds, the flame is extinguished and the candle smoulders for about an hour. Each candle treats approximately 6000 cubic feet of greenhouse space; about one pound of candles to 25,000 cubic feet. No need to split the treatment into two or more applications. AZOFUME 45 is effective on red spiders, cyclamen mite and most other types of mites found in greenhouses on ROSES, CARNATIONS, MUMS, CYCLAMENS, CALLAS, HYDRANGEAS, GARDENIAS, CAMELLIAS, GERANIUMS, IVIES, KALANCHOES, AGERATUMS, CINERARIAS, PRIMULAS, COLEUS and many other plants, 24 Candles to a carton for $10.80; 96 Candles to a case for $43.20.

AZOFUME 45 CANDLES WITH BHC. To extend use over a greater range of insects, especially Thrips and Aphids, we have added 5% Benzene Hexa Chloride Gamma Isomer at no extra charge. Price same as regular Azofume Candles. Specify with or without BHC.

HYPOZENE 20-DUST. Contains 20% azobenzene plus 10% D.D.T. Controls Red Spider, Mealy Bug, Thrip, and many other insect pests. For spot dusting. Price, 5 lbs., $6.00; 10 lbs., $10.00; 25 lbs, $22.00; 50 lbs., $42.00; 100 lbs., $80.00.

BENZO-FUME PRESSURE FUMIGATOR. Contains not less than 17½% of Azobenzene. Directions for use are printed on each container. For control of Red Spider in Greenhouses. Price per carton of 12—½ lb. tins, $3.20, gross weight 9 lbs.; per carton of 12—1 lb. tins, $5.50, gross weight about 17 lbs.

Chlordane, Rivals D. D. T.

OCTA-KILL. (Water Base—2½% Chlordane). Especially for household uses. It is a non-staining, non-oily liquid with a delicate cedar aroma. Killing power lasts for weeks. ANTS, cockroaches, flies, water beetles, earwigs, carpet beetles, silverfish, moths destroyed with OCTA-KILL. For plants and flowers dilute OCTA-KILL with five parts water. Pint retails 79c; case of 24, $11.38; quart retails $1.39, case of 12, $10.00; gallon retails $3.95, case of 4, $9.48.

OCTA-KILL EMULSION CONCENTRATE. (Water Soluble—44% Chlordane). For crop and animal spraying 1 part is mixed with 200 parts water. By allowing a heavier run-off this can be used to spray farm buildings, animal areas, and for household use. Recommended maximum dosage 1 qt. per acre. ½ pints retail $1.45, case of 24, $22.62; pints retail $2.45, case of 24, $38.22; quarts retail $4.25, case of 12, $35.70; gallon jugs retail $13.95, case of 4, $44.64; 5-gallon pails, $12.95.

OCTA-KILL DUST. (5% Chlordane.) Especially designed for crop dusting. Recommended maximum dosage 20 pounds per acre. 1 lb. Garden Duster, retails $1.00, case of 24, $14.00; 5-lb. bags retail $1.75, case of 10, $10.50.

Benzine Hexachloride (B H C)

B H C 90% WETTABLE POWDER, 30% gamma isomer of Benzene Hexachloride. Benzene Hexachloride in addition to direct contact action, is a stomach poison and controls thrips, aphids, (plant lice) most types of leaf rollers, beetles, caterpillars, Tarnished Plant Bug and most other worms. Mixed into the soil it has given excellent control of most soil infesting insects, especially wire worms. This material has a somewhat musty odor that will prevail for about a week in a greenhouse, but is quickly lost outdoors. Flowers to be sold within three or four days should not be treated because of odorous residue. 4 lb. bag for **$10.00;** 12 bags to a case for **$95.00.**

PLANTCHLOR, 50% Wettable (Chlordane). Chlordane was developed in the United States during the war as a competitor to DDT. Research work on greenhouse plants is not far advanced but it seems to have some factors that will make it extremely desirable. Grasshoppers, thrips, ants, cockroaches and many types of worms are its specialty. In PLANTCHLOR we give you a powder that mixes easily with water, does not clog nozzles. Comparatively safe to humans and plants. 4 lb. bag for $8.25; 12 bags to a case for $77.00.

PHOSPHOFUME, 35% TETRA ETHYL PYRO PHOSPHATE (TEPP). The latest development in HETP with a guaranteed TEPP content of 35%. Usual TEPP content of competitive materials approximately 10%. Will give you two to three times more spray with greater plant safety. Recommended especially for control of Red Spider, Aphids, Cut Worms, some Leaf Rollers, etc. Price per ½ gal. $12.00; gallon $22.50.

VAPOTONE. Contains Hexaethyl Tetraphosphate. Particularly effective against Red Spider aphids and many other insects. Price ½ gal., $7.75; gal., $11.90.

D. D. T.—Yamtox

Use of DDT alone seems to have a tendency to increase the infestation of other insects that it does not control. This may be due to killing off desirable parasites, or freeing them from competition. DDT Yamtox contains the full complement of rotenone necessary for the control of red spiders and other mites, thrips and aphids. The incorporation of 5% DDT in it widens its range of use to the satisfactory control of tarnished plant bug and leaf rollers. Where the plants are easily damaged, or where it is desired to spray open flowers of mums, or to dip the entire plant, as in the case of cyclamen mite, Yamtox DDT sure fits the bill. Price per gallon, $12.00; case of 6—1 gallon cans; $11.00 per gallon.

YAMTOX WITH B H C

Adding highly purified Benzene Hexachloride with rotenone in our Yamtox produces a spray material safe to use on most plants. This new combination will cover a wider range of insects than a rotenone spray and gives a fumigation effect from the gamma isomer of the BHC it contains. Control of Aphids and Thrips is more readily obtained with BHC than any other material available. Price $18.00 per gallon. In ordering specify Yamtox with BHC or Yamtox with DDT.

All Forms of D. D. T.

D. D. T. 50% WETTABLE DUST. For diluting in water for spraying, or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. Three pounds to 100 gallons of water makes effective and safe spray for cattle, horses, hogs and other farm animals, or residual spray for walls of barns, stables, hog or poultry houses and milk sheds. 8 oz., retails 60c; per doz., $4.80; 1 lb. retails $1.00, per doz., $8.00; 4 lb. bag, $2.10; 48 lbs., $21.00.

D. D. T. 30% LIQUID SPRAY. D. D. T. in emulsion form has given results on some insects superior to those from wettable powders. This is safe to use on garden and greenhouse plants, also for spraying barns and other buildings to control flies. Eight ounces will make 25 gallons of garden spray. Price per gal., $6.50.

D. D. T. HOUSEHOLD SPRAY. An oil spray for lasting control of pests. For spraying or brushing on screens and porch walls, and general household use according to directions. Kills bedbugs, flies, mosquitoes, moths, ants, silverfish and many others. Do not use on plants or animals. Pints per doz., $3.60; qts. per doz., $4.80; gals. per carton of 4-1 gals., $4.80.

D. D. T. 5% DUST. A ready-mixed garden dust of D. D. T. combined with a fine, light-weight filler, safe to use on all plants in gardens and greenhouses, also on livestock, dogs, pet animals (except cats) and poultry. Its extra strength assures maximum pest control. 1 lb. retails, 35c; per doz., $2.80; per carton of 24, $5.40; 25 lbs., $3.25; 50 lbs., $6.00; 5 lb. pkg., retails, $1.25; per doz., $10.00.

D. D. T. AEROSOL BOMB. When released from the bomb in five to seven seconds, non-poisonous Freeon gas impregnated with 3% D. D. T. and 2% pyrethrum, both deadly to insects, completely fills a room, killing insect life and leaving a deadly deposit which will protect from pests for weeks. Moths, mosquitoes, roaches, flies and other household pests are exterminated. Safe to use and harmless to clothing and furniture. One bomb will last the average household months. Aerosol bomb, contents 16 oz., retails, $3.00; six for $13.50; per carton of 12, $24.00.

90% WETTABLE D.D.T. Wettable powders of D.D.T. have usually caused white deposits. These can be cut almost in half by using our new 90% wettable D.D.T. Does everything a 50% powder does, without its disadvantages. A high grade of Technical D.D.T. is used in its preparation, ground extremely fine. 4 lb. bag for $5.00; 12 bags to a case for $55.00.

Protexall Combats All Plant Pests

PROTEXALL, introduced by us as a one-shot spray or dust using new post-war insecticides and fungicides to combat almost all insects and plant diseases with one treatment, has been remarkably successful.

PROTEXALL CONTAINS

D. D. T., which kills most garden insects.

ROTENONE, fatal to aphids, bean beetles, and all others which may be unharmed by D. D. T.

FERMATE, harmless to all plants, and giving complete protection from many pests which resist other materials.

SULPHUR, which deals with most troubles which fermate does not.

Protexall spray is a powder which mixes easily with water. Protexall Dust comes mixed with a spreader and is ready for instant use. It is necessary to order the form you prefer and have the equipment to use, since the spray material does not make an efficient dust, and the dust cannot be used as a spray.

PROTEXALL SPRAY, 1 oz. package retails at 40c, price per carton of 24, $5.76; 4 oz. package retails at $1.25, per carton of 12, $9.00; 5 lb. package, $13.00. 1 oz. will make approximately 4 gallons of spraying solution.

PROTEXALL DUST, 1 lb. package retails 95c, price per carton of 24 packages, $13.68; 4 lb. package retails at $3.50, per carton of 12, $25.20; 50 lb. bags each, $30.00.

Hormones

BULB PROTEX. Protects bulbs against rodents and fungi. Think of the amount of bulb business done and calculate the number of customers who would be willing to buy bulb "insurance." Undoubtedly, a good item for volume sales. 1½ oz. pkg. 25c; doz., $1.80; 16 oz. pkg. 75c; doz., $5.40; 5 lbs. pkg. $3.50; 25 lb. drum, $12.50; 100 lb. drum, $45.00.

SEED-PROTEX. Protects corn, many varieties of seeds from fungi. Another Protex item that should have volume sales. Can be sold with every purchase of seeds. Just let your customer know that you have it! They won't buy what they don't know exists. 2 oz. 35c; doz., $2.52; 16 oz., $2.00; doz., $14.40; 5 lbs., $8.00; 50 lbs., $75.00.

FRUIT-HOLD. Prevents premature drop of fruit. Invisible fingers hold the fruit to the tree when sprayed with this newly developed plant hormone. Contains alpha naphthyl acetic acid. Will not spot fruit, mixes easily and leaves no objectionable residue. ¾ oz., 50c; doz., $3.60; 2 oz., $1.00; doz., $7.20; 8 oz., $5.00; 1 lb., $7.50

STIM ROOT

An improved rooting compound containing several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that checks fungi that rot cuttings. A small amount of dust will coat each cutting evenly, making a pound go further. ¾ oz. retails at 50c; per case of 24, $7.20; 2 oz. retails at $1.00; per case of 12, $7.20; 1 lb., $5.00.

SEED-LESS-SET (New Concentrate)
HORMONE SPRAY

A new scientific development insures "set" of first tomato flowers which usually fall off during early spring; eliminates seeds; causes weeks earlier ripening; increases yield and size of fruit; pollinates self-sterile plants. ½ oz. makes 1 gal. each, $1.00; per doz., $7.20. 2 oz. makes 4 gal. each, $2.50; per doz., $18.00. 8 oz. makes 16 gals. each, $7.50; six for $30.00. 20 oz. makes 40 gals. each, $12.50.

ROOTONE
PATENTS PENDING

A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price ¼-oz. pkt., 25c; doz., $2.00; 2-oz. jar, enough to treat 3,000 cuttings, $1.00; doz., $8.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. Write for leaflet, all postpaid.

Rootone No. 10. For slow to root evergreen cuttings. 2 oz., each, $2.00; 1 lb., each, $10.00.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. ½-oz. pkt., each, 25c; doz., $2.00; 3 oz., $1.00; doz., $8.00; 1 lb., $4.00.

Fruitone. The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, $2.00, retails at 25c per pkt.; 2 oz. (makes 25 gal. spray); $1.00; doz., $8.00; ½ lb., $1.50.
Write for price on larger quantities.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., $6.00.
No. 1 Powder 1¾-oz. tin, each, 50c; 1lb., $3.00.
No. 2 Powder 1¾-oz. tin, each, 75c; 1lb., $4.50.
No. 3 Powder 1-oz. tin, each, $1.00; ½ lb., $4.50.

VITAMIN B-1 TABLETS

Vitamin B-1 Tablets, the famous Plant Magic brand, containing extra growth-substances. The proved transplanting aid. Also for flower-plant feeding and for fortifying vitamin-deficient soils. Garden magazine articles report amazing results. Each tablet makes 2 to 7 gal. Packet retails, 25c; doz. pkt., $1.80. 100 tablet bottle, 50c; doz. bottles, $3.60.

POST-WAR FUNGICIDE

FERMATE. This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on roses, leaf spot on chrysanthemums, snapdragon rust, anthracnose of tomatoes, and brown rot of cherries. Recommended for use against all fungi and mildews. 3 lbs., $3.25; 10 lbs., $10.00; 25 lbs., $18.75, shipped by express, charges collect.

Other Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ACME EMO-NIK. A combination spray of nicotine and summer oil emulsion for aphids scale, thrip, mealy bug, etc. 4½ oz., 37c; doz., $2.80; pint, 70c; doz., $5.60; gal., $2.75.

ACME SCIENTIFIC ROSE SPRAY. For roses, flowers and shrubs of all kinds. Consists of three elements for controlling sucking and chewing insects, black spot and other fungus diseases. No. 3 kit will make 12 qts. Each, 95c; doz., $6.84. No. 6 kit will make 24 qts. Each, $1.50; six, $5.40.

ACME KOPPER QUEEN. A strong liquid copper spray for control of mildew, leaf rot and black spot on roses, flowers and plants. 8 oz., 35c; doz., $2.80; qt., 95c; gal., $2.25.

APHINE. Pt., 80c; 1 qt., $1.25; 1 gal., $3.25.

ARASAN. 4 lbs., $5.16; 25 lbs., $30.00; 100 lbs., $115.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 45c; doz., $3.90; case of 24, $7.56; 4-lb. bag, $1.10; 48 lbs., $12.00.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 40c; doz., $3.20; 4 lbs., 95c; case of 24 lbs., $4.50

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; doz., $4.20.

COPPER SULPHATE. Crystals. 10 lbs., $2.25; 25 lbs., $4.50; 100 lbs., $13.00.

CORROSIVE SUBLIMATE. Mercuric Chloride. Price 1 lb., $2.75; 5 lbs., $12.25. (1 lb. to 96 gals. water).

CUPRINOL. A special grade for dipping of flats and stakes. 5 gal. drum, $9.25; 50 gal. drum, $87.50.

CUPRINOL WOOD PRESERVATIVE. Stops rot around the greenhouse. One gallon covers and preserves approximately 400 sq. ft. of wood. Per gallon, $2.90; 5 gals. for $14.00; 50 gal. drum, $135.00.

CUPROCIDE. Yellow. An effective fungicide spray. Price 4½ lb. bag, $2.70.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other rodents. 1 lb., doz., $7.00; 5 lbs., each, $3.75; 25 lbs., $12.50; 100 lbs., $30.00; 4-oz. tins for ants, doz., $2.80.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., $3.75; 25 lbs., $12.50; 100 lbs., $30.00. Write for leaflet; freight prepaid on 100-lb. lots.

D. N. SULPHUR DUST No. 10. A new and very effective control for red spider, thrips, and rust diseases on carnations. 10-lb. bag, $3.50; case of 5 bags, 50 lbs., for $12.50.

D. N. DUST No. 12. For control of red spider, mite and thrips on roses, calla lilies, snapdragons, gardenias and carnations. The active element in D. N. Dust No. 12 is a dinitro compound effective in all stages of mite development. Should be used before blooming period. Per 10-lb. bag, $4.50; case of 5 10-lb. bags, $20.00.

DOWFUME G. New rapid setting soil fumigant. Especially toxic to Nematodes, eel worms, soil insects, millipedes, centipedes, pill bugs, etc. Permits replanting in 2 to 4 days. No waiting for root galls to decay. Permits one bench fumigation. Not injurious to nearby plants. Easily and economically applied. Water seal is only covering needed. 10 gal. drum, weight 113 lbs., 25c per lb.; 55 gal. drum, weight 597 lbs., 20c per lb.; 55 gal. drum charge $6.00. Returnable for credit.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in ¾-lb. cans, 9 to a case. Each, $2.50; per case, $20.25.

DX PYRETHRUM. Scientific Pyrethrum Spray. Per gallon, $10.75.

D.X. PYRETHRUM-ROTENONE DDT SPRAY. A concentrated plant spray containing Rotenone-Pyrethrum-DDT in an active glyceride base. Controls sucking and chewing insects. Price 1½ oz. packed 24 to case, $4.80 per case; 8 oz. packed 24 to a case, price per case, $18.48; quarts packed 12 to case, per case $31.80; gallon each, $10.00; 5 gallons each, $42.50.

DOWFUME G APPLICATORS. Highly satisfactory hand applicators. Adjustable for varied dosages. Will give years of service. Two types—No. 45-F, height 28 in., each, $20.00; Type 45-AF, height 42 in., price $20.00.

EVERCIDE SPRAY. Contains 17% D.D.T. Price gal., $6.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect bark. Lb., 40c; doz., $3.50; 7½ lbs., $2.45.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 2 bags for $4.50.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. 1 lb., 85c; 5 lbs., $2.50; 25 lbs., $10.00; 50 lbs., $17.50.

FORMALDEHYDE LIQUID 40%. An economical fumigant and disinfectant. Price gal., $2.90.

FUME TOBAC. Fumigating Powder. 25-lb. drum, $5.00; 50-lb. drum, $8.75; 100-lb. drum, $16.25.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pt., 75c; qt., $1.25; gal., $3.25.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Lb., 40c; 5 lbs., $1.50; 10 lbs., $2.75; 25 lbs., $6.25.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Pt., 95c; gal., $6.25; 5 gals., $29.50.

L 333. ROTENONE PLANT SPRAY. Gal., $10.75; 5 gals. for $48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 35c; pt., 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pt., $2.00; gal., $11.00.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Per lb. can, $1.15; 10-lb. cylinder, $7.75. Write for price on larger cylinders.

NAPTHOLENE FLAKES. Price 10 lbs., $2.25; 25 lbs., $5.25; 100 lbs., $16.50.

NEW IMPROVED CERESAN. 1-lb. can, 80c; 4 lbs., $2.70; 40 lbs., $26.40; 100 lbs., $61.05.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Lb., $2.60; 2 lbs., $3.45; 8 lbs., $11.95; 40 lbs., $49.50.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. ½-lb. cans, 50c; six for $2.80; doz., $4.60; 1-lb. cans, 80c; six for $4.25; doz., $7.95. Orders for 36 1-lb. cans or 60 ½-lb. cans, prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., $4.00; gal., $12.00.

NO-PY-RO. The new synthetic insecticide for controlling aphids, mealy bug, green and white fly, etc. Per quart, $3.00; gal., $10.00; 5 gals., $45.00.

No. 10 REFINED ROSE SPECIAL. For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Per gal., $10.00; 5 gals., $45.00.

PARIS GREEN. For chewing insects on potatoes and certain other hardy plants. Kills quickest. ¼-lb. carton, 25c; doz., $2.00; 1 lb., 60c; 5 lbs., $2.50; 25 lbs., $10.75.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Qt., 75c; gal., $1.50.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 55c; doz., $4.40; 5 lbs., $1.85; 25 lbs., $8.50.

INSECTICIDE—Continued

POMO GREEN. With nicotine. Lb., 80c; doz., $6.40; 5 lbs., $3.30.

PYRETHRUM POWDER. Lb., 75c; 5 lbs., $3.50; 10 lbs., $6.25; 25 lbs., $14.75. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, $2.75.

SELOCIDE. For the control of Red Spider. Price gal., $3.00.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. 4 lbs., 60c; 6 for $3.00; 100 lbs., $8.75.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. ⅛ oz. pkg., doz., 96c; 2 oz., 45c; doz., $3.60; 12 oz., $2.10; 4 lbs., $10.10; 25 lbs., $58.28; 100 lbs., $219.80. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. 1 lb., 35c; doz., $2.80; 2½-lb. pkg., 75c; doz., $6.00; 10 lbs., $1.85; 50 lbs., $6.75.

SPECIAL SEMESAN. Control for brown patch, dollar spot, etc. in bent lawns. 5 oz. doz., $5.60; 4 lbs., $6.92; 25 lbs., $39.96; 100 lbs., $149.85.

SPECIAL RED ARROW. A pyrethrum spray for controlling leaf rollers and leaf tyers especially. Per quart, $4.35; gallon, $14.50.

SPERGON SEED PROTECTANT. 1 oz., 25c; doz., $2.00; 1lb., $2.25; 10 lbs., $18.50; 100 lbs., $153.00.

SPERGON WETTABLE GRADE. 10 lb. drum, $9.25; 50 lbs., $43.75; 100 lbs., $76.50.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 40c; doz., $3.20; 10 lbs., 75c; 25 lbs., $1.60; 100 lbs., $3.95.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. 1 lb., 90c; 5 lbs., $4.25; 25 lbs., $18.75; 100 lbs., $70.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Pt., 90c; qt., $1.50; gal., $5.50.

TOBACCO DUST (Regular Grade). 10 lbs., 85c; 25 lbs., $1.95; 100 lbs., $4.75.

TOBACCO STEMS. 100 lbs., $2.50; 500 lbs., $10.50.

TO-NA-CIDE. Price 25 lbs., $5.00; 50 lbs., $8.00; 100 lbs., $15.00.

TRIO-GEN. Fungicide, insecticide and plant stimulant. A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

TRITON B-1956. An efficient emulsifier and spreader for insecticides and fungicides. Goes much further than ordinary spreader. Per gal., $9.75.

VAPOTONE INSECT SPRAY. Particularly effective against Red Spides, Aphis, and many other insects; has been approved for use in greenhouses and on nursery stock. ½ gal. each, $7.75; 1 gal., $11.90.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. Pt., 85c; qt., $1.25; gal., $3.25.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Pint, 70c; gal., $2.50; 5 gals., $7.50; 28-gal. drum, $25.00; 54-gal. drum, $39.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Qt., $1.00; gal., $3.00; 5 gals., $12.00.

G&O CROW REPELLENT. ½ pt. retails for 35c; packed 24 to a carton, price per carton, $5.60; pint retails at 55c. Price per dozen, $4.40.

WORM-RID 666+DDT. A powder which is very effective in controlling most types of soil infesting pests, especially wire worms and symphyllids. Combines for the first time the effective new English discovery Gammexane (666) and DDT. Merely mix into soil and water. Price, 1 lb., 75c; 4 lbs., $2.00.

RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Per carton of 24 1-lb. pkgs., $7.20. Retails for 45c, 5 lb. bag retails for $1.75. Per carton of 6, $7.00.

ITEMS YOU CAN SELL

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ROTOTEC WITH 5% D. D. T.

A Rotenone Garden Spray. Contains full amount of Rotenone plus 5% D. D. T. necessary for good insect control. 1-oz. retails for 35c; per carton of 24, $5.04. 4 oz. bottle retails at $1.00, price per dozen $7.20, pint bottle retails at $2.75, price per dozen $18.00.

ACME KOPPER KING. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Lb., 50c; doz., $4.20; case of 24 pkgs., $8.04; 4-lb. bag, each, $1.35; per case of 12 bags, $11.28.

ACME GARDEN GUARD SPRAY. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. 1 lb. handy shaker top carton price, 60c; doz. cartons, $4.92; per case of 24 cartons, $9.60; 4-lb. pkgs., per case of 12, $12.00.

ACME RED RIVER POTATO MIX WITH D. D. T. A special formula for potatoes. 1-lb. bags, doz., $5.16; carton of 24 bags, $10.08; 4-lb. bags, $1.70; six for $8.64; carton of 12 bags, $16.80.

ANT KILLER. Master ½-oz. bottles, doz., 75c; 2-oz., doz., $2.00; 4-oz., doz., $4.00.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, $3.20. Retails at 40c per tube.

BAIT-M WITH METALDEHYDE. A double action insect bait for control of Sow Bugs, Cutworms, Grasshopper, etc. 1 lb. package, 35c; carton of 24, $5.60; 2½ lb. bags, 75c; carton of 12, $6.00.

BLACK LEAF 40. Oz. bottles, doz., $2.95; carton of 24, $5.58; 5-oz. bottles, doz., $8.55; 1 lb., $2.25 ea.; 2 lbs., $3.25 ea.; 5 lbs., $6.10 each. 10 lb. can $12.85.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, $2.40.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., $4.80; gross, $46.08.

EVERGREEN. A pyrethrum spray. Price, 1 oz., doz., $2.80; 6 oz., doz., $9.25; gals., each, $12.60.

GARDEN BUG BLASTER. New revolutionary garden dust gun containing multipurpose insect and fungus dust for flowers and vegetables. Analysis: 7% copper, ¾% Rotenone, 10% sulphur, and 2% D.D.T. This insecticide is safe to use on vine crops. Eliminates stooping; you can now do your dusting in upright position, blows dust underneath foliage. Retails at $1.98 each, complete with duster and 2 pounds of above formula. Price per carton of 24, $29.76

BUG BLASTER REFILL. 2-pound package retails at $1.29 each. Price per carton of 12, $9.72.

McCORMICKS RED ARROW. Rotenone dust. 2 lb. pkg., 60c; carton of 12 pkgs., $4.20.

NICOTINE PYROX. 20-oz. jars. Doz., $5.40; carton of 24, $9.66; 5 lbs., $2.00; case of 8, $12.60; 25-lb. drum, $6.50; 50-lb. drum, $11.75.

OPTOX. A well balanced Rotenone-Pyrethrum spray. 1 oz. bottles retail at 35c each; per dozen, $2.70; 6 oz. retails $1.00 each; per dozen, $8.00. Quarts each $3.70; gallon each, $12.00; 5 gallons, $52.50; 30 gallons, $255.00; 55 gallons, $462.00.

PESTROY 10% DDT INSECT POWDER for Household Use. Can be applied to plumbing pipes, drains, doorways, baseboards, radiators, closets, cupboards, basements and garbage cans. Can be used on dogs, but must not be used on cats. Kills flies, ants, mosquitoes, roaches, ticks, crickets, moths, bedbugs, wasps, silver fish, gnats, lice, beetles, etc. Put up in finger-flick press cap container, 3 oz. package retails 39c each, per dozen $3.00; price per carton of 48, $11.24; 8 oz. pump gun, retails 69c each, per dozen $5.20; per carton of 24, $9.94.

PYROX. Combination insecticide and fungicide. 25 lbs., $6.00; 50 lbs., $9.00.

ANTU RAT PASTE (5% Antu). 2 oz. cannister retails 35c; price per dozen, $2.52; 4 oz. tube retails $1.00; price per dozen, $7.20.

RATU (25% Antu). 2 oz. cannister retails 60c, price per dozen $4.32.

RED ARROW GARDEN SPRAY ROTENONE. 1-oz. bottles, carton of 24, $5.40; 4-oz. bottles, doz., $8.00; pint, $2.50; qt., $3.60; gal., $12.25: 5 gals., $57.50.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for $3.25; 5-lb. pkgs., 12 for $13.68; 25-lb. bag, $5.50; 50-lb. bag, $11.00.

TREE TANGLEFOOT. 6-oz., case of 24 cans, $7.20; 1-lb. cans, per doz., $7.60; per case of 24, $14.40; 5-lb. can, $2.95; case of 6, $16.87; 10 lbs., $5.50 each; case of 4 cans, $21.00; 25 lbs., $12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 42c each. Per doz., $3.24.

A triple acting dust for garden plants which kills insects of all types, and protects against fungus diseases. 10 oz. handy applicator gun retails for 79c; price per case of 24 guns, $12.72.

EndoPest

A preparation of 2-4D in liquid form which kills most lawn weeds. ½ pint retails at $1.00, per case of 24, $14.40; qt. retails at $2.75, per case of 12, $19.80

EndoWeed

ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retails 65c each. Price, per doz., $4.92; carton of 24 pkgs., $9.60; 1 lb. sifter top cans, retail at 50c each, carton of 24, $7.44.

ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retails 65c ea. Price, per doz., $5.25. Carton of 24 pkgs., $10.20.

KALITE ROTENONE BUG DUSTER. This practical, efficient duster bag contains a pound of impregnated Rothenone Dust ¾%. A practical package for dusting Freedom Gardens. Price per carton of 24 1 lb. packages, $6.24; 4 lb. bags, 12 to a carton, $7.68 per carton; 25 lb. bags, $3.95 each.

DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. 3-oz. size, 50c; display carton of 12, $3.60; 3-oz. size, 60c; display carton of 12, $4.32; 8-oz. size, $1.00; display carton of 12, $7.20.

ANT-"X" JELLY BAIT. Tubes, garden size, 35c; display carton of 12 tubes, $2.52.

ANT-"X" TRAPS. Death box. 300 grain size for grease and sweet eating ants, each, 25c; display box of 12 traps, $1.80.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size, 50 Nots, $1.00; display carton of 12 pkgs., $7.20.

MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size, 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size, 50 Nots, $1.00; display carton of 12 pkgs., $7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., $2.52; estate size contents, 50 Nots, $1.00; doz., $7.80; jumbo size contents, 125 Nots, $2.00; doz., $14.40; gardener size contents, 400 Nots, $5.00; doz., $36.00.

5% discount on orders of six display cartons of the above.

Chemical Weed Killers

NEW DANDYKILL WITH NITROGEN

Careful tests of Dandykill, the dry, soluble form of the miracle weed killer 2,4D have developed these important facts:

1—That chemical nitrogen in the Dandykill solution will stimulate growth so grass quickly spreads to vacant spaces left by dying weeds.

2—That Dandykill at normal strength destroys many seeds of crab grass and kills small crab grass plants.

3—That Dandykill one-half recommended strength used on bent greens and lawns, kills most weeds without injuring the grass, though occasional brief discoloration may result.

Size	Treats	Retails	Per Doz
2 oz.	800 sq. ft.	$ 0.50	$ 3.60
6 oz.	2,500 sq. ft.	1.00	7.20
24 oz.	10,000 sq. ft.	3.00	21.60
6 lbs.	One acre	10.00	72.00

CONCENTRATED DANDYKILL

For use on large areas, Dandykill is offered in a special concentrated form, 70 percent 2,4D, without nitrogen saves shipping costs when quantities are used. Shipped F. O. B. Chicago or New York.

Size	Area Treated	Retail Price	Dealer's Price
10 lbs.	4 acres	$ 19.50	$13.25
50 lbs.	20 acres	87.50	66.50

DANDY KILL DUST, 2, 4-D in Dust Form. Will control most lawn weeds by merely dusting them, using the handy "shaker" top dust canister. Dandy-Kill users will welcome this form. 12 oz. shaker top can 75c. Carton of 12, $5.40.

IVY-KILL is a special form of 2, 4D, Isopropyl Ester 40% 2-4D acid equivalent, that is offered for use on trees, shrubs and plants with hard-to-wet, waxy foliage, including poison ivy, poison oak, poison hemlock, sumac, birch, choke-cherry, wild rose, thorny brier.

Size	Area Treated	Prepaid Price
4 oz.	1,400 sq. ft.	$0.80
1 pt.	⅛ acre	2.00
1 qt.	¼ acre	3.50
1 gal.	1 acre, $12.00, by exp. collect.	

SEL-TOX

NEW SELECTIVE CRAB GRASS KILLER

It contains phenol mercuric acetate solubilized, which has been proved in exhaustive tests to kill crab grass without injuring desirable lawn grasses. It can be used at any stage of growth, from the seedling stage to maturity, with equal effectiveness. Though a poison, it is mixed with water 100 times its bulk, and is easily handled with safety at all stages. Apply with watering can or sprayer. Complete directions on each bottle.

Quantity	Area Treated	Retail Price		
8 oz.	1,000 sq. ft.	$1.00	Per Doz.,	$ 7.20
16 oz.	2,000 sq. ft.	1.50	Per Doz.,	10.80
Quart	4,000 sq. ft.	2.50	Per Doz.,	18.00
Gallon	16,000 sq. ft., $8.00 by exp. collect.			

ZOTOX CRAB GRASS KILLER. An amazing new killer which kills both the seeds and plants of Crab Grass (Warer Grass) in lawns. Prevents recurrence the following year. Not toxic to soil, Must be appled in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz. each, $1.00; doz., $7.20; 16 oz., $1.50; doz., $10.80; 5 lbs., $3.50.

DUPONT AMMATE WEED KILLER

(Ammonium Sulfamate). A non-poisonous weed killer which can be applied by hand or power sprayer or can be applied dry. Will kill poison ivy, poison oak, poison sumac, dandelions and plantain. Use ¾ to 1 lb. to a gallon of water. Price, 2 lb. bottle, 85c; 6 lb. jar, $2.25; 50 lb. drum, $12.00.

HERBICIDE

For ordinary grass and weeds, each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Livestock should be kept off the treated ground until the dead leaves wither away. Qt., 75c; gal., $1.50; 5 gals., $6.00; 10 gals., $10.00; 55 gals., $35.00.

WEEDONE

TRADE MARK

It kills the plant under ground as well as above ground. Does not irritate skin and does not corrode metal or spray equipment. Will not leave residue on plants that is hazardous to livestock or pets. Does not sterlize the soil. Mix one part to sixty parts of water. Will kill Poison Ivy, Bindweed (Morning Glory), Ragweed, Burdock, Dandelion, Plantain, etc. Price, 6 oz., retails, 75c; per case of 36, $16.20; per quart, $2.50; per case of 12, $18.00; gallon, $7.50; per case of 4, $21.00; 5 gals., $25.00; 54 gals., $256.50.

Sprayers and Dusters

DOBBIN'S BIGHEAD SPRAYER

5⅛ diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.

No. 44G Galvanized tank. Ea., $7.75.

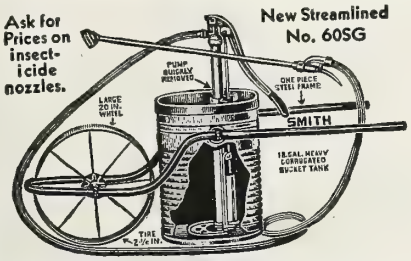
Brass. Ea., $14.95.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3½ gallon capacity. Galv., $6.95. Brass, ea., $12.95.

Ask for Prices on insecticide nozzles.

New Streamlined No. 60SG



WHEELBARROW SPRAYER

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $28.95. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $46.75.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price, complete, $19.75.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, $27.75.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 3 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No. moving parts to wear out or break. Each, $5.95; six for $27.80.

PNEUMATIC HAND SPRAYER

Pneumatic Galvanized continuous one quart size with two nozzles for straight and underleaf spraying. Each, $1.50; dozen, $14.00.

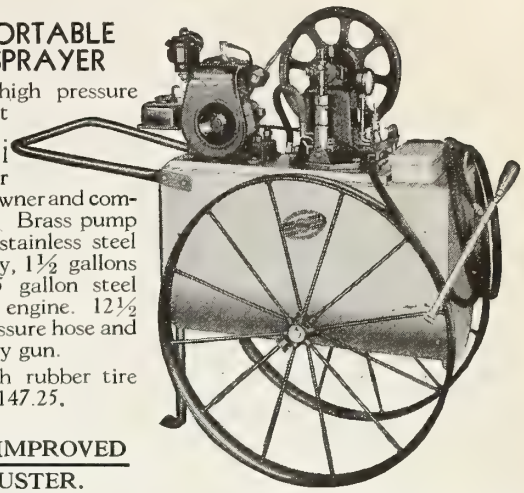
Pneumatic Tin Hand Sprayer. Same as above, each, $1.25; dozen, $11.00.

Tin Hand Sprayers. Full qt. size, retails at 70c; per doz., $5.40.

BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, $3.50; six for $19.50.

UTILITY PORTABLE POWER SPRAYER

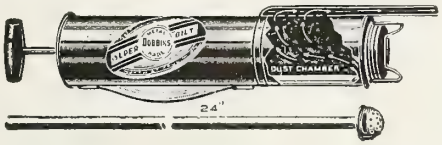


A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity, 1½ gallons per minute, 25 gallon steel tank, 1½ H. P. engine. 12½ feet of high pressure hose and adjustable spray gun.

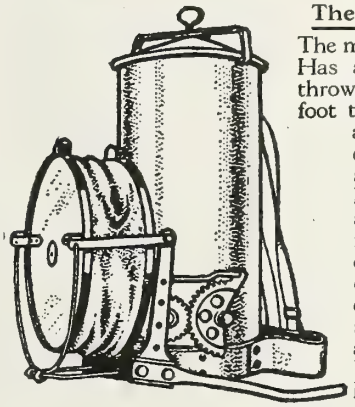
No. 4240R with rubber tire wheels. Each $147.25.

DOBBIN'S IMPROVED HAND DUSTER.

A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity, 1 lb., equipped with two-way dust cap. No. 132 Duster, Each, $1.45. 6 for $7.20.



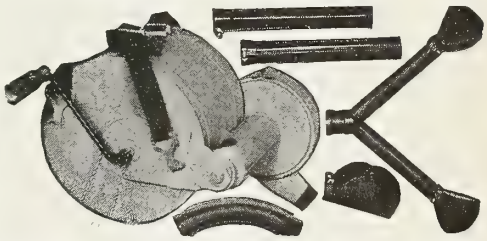
The American Beauty Duster.



The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, $28.50.

Write for leaflet on the American Beauty Dust Sprayer.

CHALLENGE DUST GUN No. C3.



For Dusting Rotenone, Pyrethrum Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Ea., $21.80.

FEENEY MODEL C DUSTER.

Each, 95c; six for $5.40; doz., $9.60.

CYCLONE

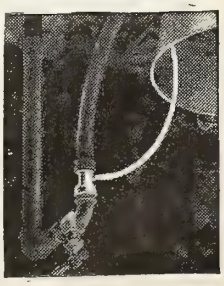
POWDER GUNS.

The best dry powder gun for blowing powder on plants and insects. Cyclone, each, 25c; doz., $2.20; Jumbo, each, 50c; doz., $4.20.

JUMBO

FERTILIZER APPLICATOR

(Fertilizes as you Sprinkle)



Make fertilizing as easy as sprinkling your lawn. Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water with which you sprinkle your lawn. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Made of die cast metal. Price, **$1.75**; postpaid, **$1.85**.

This is a special mixing and spraying nozzle which attaches to the garden hose. Insert insectide cartridge and spray—as easy as watering your lawn. Brass finish, each, **$4.00.** Chrome finish, each, **$4.50.**

36 inch extension, straight chrome finish, **$1.75.**

CARTRIDGES FOR GARDEN HOSE SPRAYERS

We can supply a complete line of cartridges, Rotenone, Nicotine, Pyrethrum, D.D.T., Sulphur, Bordo or Arsenate of Lead. Price, each, **35c**; three for **$1.00**; doz., **$3.85.**

G. S. MASTER SPRAYER

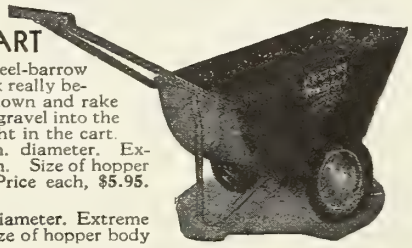
This sprayer can be used for spraying all types of insecticides, flower and vegetable gardens, fruit and ornamental trees, Sprays from a fine mist to a 35 ft. spray stream. Made of 100% brass throughout. Jr. Model each, **$4.95**; Master Model with adjustable nozzle and 45 degree brass extension, each, **$7.25.**

AERO MIST INSECTICIDE GUN

An all around handy sprayer for all types of liquid spray materials. This sprayer can be used as a humidifier and for all types of household sprays. Will fit any standard threaded pint bottle. Price complete with one pint of double D.T. with Pyrethrum, **$2.25** each, per doz., **$18.00.**

HANDI-CART and WHEELBARROW

MASTERS HANDI-CART

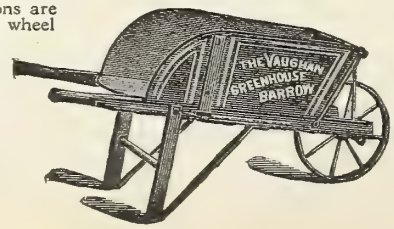


Replaces the oldfashioned wheel-barrow for every purpose. Garden work really becomes a pleasure. Just dip it down and rake grass cuttings, leaves, earth or gravel into the cart Can also mix cement right in the cart. No. 18-S, size of wheels 10 in. diameter. Extreme overall width of cart 20 in. Size of hopper body 26½ x 16 x 12½ in. Price each, **$5.95.** Three for **$14.50.**

No. 20-D, size of wheels 10 in. diameter. Extreme overall width of Cart 25 in. Size of hopper body 27½ x 21 x 13½ in. Price each, **$7.50.** Three for **$19.00.**

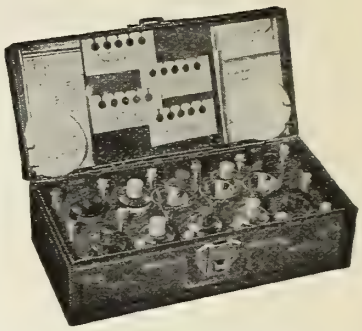
VAUGHAN'S GREENHOUSE WHEELBARROW

Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. Wheel is of steel, 17 in., with 2½-in. thread; the axle is 15 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. Each, **$13.25**; with Pneumatic Tire, **$24.95.**



SOIL TESTERS

The Sudbury Horticultural Soil Test Kit, $12.50



The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $12.50.

The Sudbury Improved Professional Soil Test Kit—Contains enough material for 200 individual tests. Price, complete with instructions, $22.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires No. 2 and No. 3 to make Nitrogen Tests, No. 4 and No. 5 for Phosphorus Tests and No. 6 and No 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz., **$1.00**; 6 oz., **$2.00.**

The Sudbury Home Gardener's Soil Test Kit, $2.50

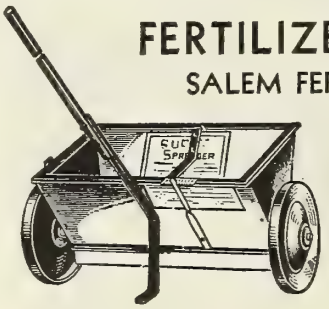
This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

***The Sudbury Home Gardener's Soil Kit.** Complete with instructions and table of plant needs, retail at $2.50; six for $10.00.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, $4.75; 3 for $9.50.

FERTILIZER SPREADERS

SALEM FERTILIZER SPREADERS



Will spread any kind of commercial fertilizer, grass seed or top dressing. Has new disc wheels, foot rest and selective feed control. 16 inch, hopper capacity about 20 lbs., price each, $4.95; 20 inch, hopper capacity about 40 lbs., each, $8.75; 30 inch, hopper capacity about 80 lbs., each, $14.95. Super Heavy 36 inch, hopper capacity over 100 lbs., each, $29.95.

MASTERS PERFECT DISTRIBUTORS

This is a sturdy and efficient machine which solves the problem of even distribution of fertilizers, grass seed and top dressing. It has a shut-off control and adjusting device right on the handle. Shuts off instantly. Every inch of ground is covered, but no surplus. Home Lawn distributor, each, $4.95; three for $12.30; No. M180—18" sturdily built, each, $15.00, three for $41.50; No. M240 24", each $18.50, three for $45.90; No. M361 with double disc wheels, $23.50; 36" with rubber tire wheels, each, $31.50.

Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

Adco. **Artificial Stable Manure.** Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb. bag is enough for 12 wheelbarrow loads of waste, making ½ ton of manure. **7½-lb. bags, each, 95c; doz., $9.60; 25 lbs., $2.25; 150 lbs., $10.50.** Instructions with each bag.

Agrico. For Lawns, Trees, Shrubs and Flowers, **10-6-4.** 5 lbs., packed ten to a bale, each, **30c**; retails at **45c**; 10 lbs., packed six to a bale, each, **53c**; retails for **85c**; 25 lbs., packed four to a bale, each, **$1.00**; retails at **$1.50**; 50 lbs., two to a bale, each, **$1.70**; retails for **$2.50**; 100 lbs., **$2.75**; retails for **$4.00.**

Agrico. For Commercial Growing. **4-12-4.** A well balanced fertilizer for the commercial grower, can be used on practically everything in greenhouse forcing or outside—neutral in its reactions. 100 lbs., **$2.90.** On all Agrico we will prepay delivery on 500 lbs. or more and will allow an additional 5% discount for ton lots.

Agrico. for Broadleaf Evergreens not only supplies the right balance of all the needed plant foods, but one that also builds up soil acidity, which is essential for best growth. It is specially formulated to do both jobs properly. Apply Agrico for Broadleaf Evergreens in early Spring, at the rate of 3 lbs. per 100 sq. ft. For flowering plants, make a second application of 1 to 2 lbs. per 100 sq. ft., as soon as buds begin to appear. 10 lbs., **60**, retails, **$1.00**; 25 lbs., **$1.25**, retails, **$2.00**; 50 lbs., **$2.10**, retails, **$3.25**; 100 lbs., **$3.40**, retails, **$5.00.**

Agricultural Salt. Commercial growers use this salt both as a top dress and to keep the asparagus patches weed-free. 25 lbs., **$1.00**; 50 lbs., **$1.25**; 100 lbs., **$2.75.**

Agrinite. 8¼% nitrogen all organic fertilizer, can be easily used in place of Dried Blood or Tankage. 100 lbs., **$4.00**; 500 lbs., **$19.00**; 1000 lbs., **$35.00**; ton, **$65.00.** Write for prices on larger quantities.

Aluminum Sulphate. For creating acid condition in the soil. 25 lbs., **$1.25**; 100 lbs., **$3.50**; 500 lbs., **$16.00.**

Ammonium Sulphate. 20.6% nitrogen. 100 lbs., **$5.00.**

Activo (Formerly called Bacto) Bacterial Composition. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. 5 lbs., **$1.45**; 20 pkgs. for **$19.80**; 25-lb. bag, **$4.25**; 4 bags for **$13.20**; trial size of 10 4-oz. pkgs., **$2.50.**

Compo. After years of experimenting, the manufacturers of Compo, have developed this new decomposing material which should be used on all compost piles. This is a sure seller and money-making item and should be carried in all flower shops.

7½ lbs.—will make 375 lbs. of manure—10 to case—$10.00 per case less 33⅓%.

25 lbs.—will make 1250 lbs. of manure—$2.00 less 33⅓%.

100 lbs.—will make 2½ tons of manure—$7.50 less 33⅓%.

Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. 100 lbs., **$9.50.**

Driconure. Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, safe and easy to use. 50-lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. 50-lb. bags, 1 to 10 bags, **$1.90** each; 10 to 20 bags, **$1.70** each; ton, **$55.00.**

Electra Fertilizer. 25 lbs., **$2.50**; 50 lbs., **$4.00**; 100 lbs., **$6.75.** F. O. B. New York.

Horn Shavings. **Synthetic.** Quick-acting and lasting. 50 lbs., **$4.00**; 100 lbs., **$7.50.**

Horn Dust. Has same effect as Horn Shavings except it is immediately available. 100 lbs., **$10.00**; 500 lbs., **$47.50.**

Hydrated Lime. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed ordug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. 50 lbs., **$1.00**; 1000 lbs., **$8.50**; 2000 lbs., **$16.50.**

Hyponex. 3-oz. size, packed 36 to a carton, retails at **25c** each. Per carton, **$6.00**; 7 oz. retails **50c**—24 to case—case **$8.00.** 1-lb. size, retails at **$1.00**, packed 12 to carton. Price per carton, **$8.00**; 10 lbs., **$5.35**; 25 lbs., **$10.00**; 50 lbs., **$15.00**; 100 lbs., **$25.00.**

Hy-Gro. The soluble plant food. **13-26-13.** The nearest fertilizer to Nitrophaska. Excellent for forcing. If given a little counter space will bring results. 3 ozs. retails **25c** each, packed 12 to a display carton, **$1.80** per carton. 20-oz. retails for **$1.00**, packed 12 to a carton, **$7.20** per carton. 10 lbs. retails for **$4.00**, packed single carton, each, **$2.40.**

We are not responsible for loss of weight due to evaporation of any fertilizers.

Tree Food. **10-6-4** especially formulated for trees, shrubs and lawns. A real help for fruit and ornamental trees. A swell sod grower.

Size	No. to Case	Retail	Per Case
25 lbs.	4	$2.25	$7.00
50 lbs.	2	3.75	5.60
100 lbs.	1	6.50	4.95

Vaughan's Special Rose Grower Bone Meal. **"Rose Grower."** This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. 100 lbs., **$6.00**; ton, **$110.00.**

Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

REGULAR GRADE BONE MEAL. 2.40 nitrogen, 20% phosphoric acid. 100 lbs., **$5.50**; ton, **$100.00.**

Raw Bone. Coarse. This material appeals to every florist who has used it. 100 lbs., **$6.00**; ton, **$110.00.**

Humus. Recommended for top-dressing or use on heavy clay soils. 100 lbs., **$1.75**; 500, **$8.00.**

Leaf Mold. 100 lbs., **$3.00**; 1000 lbs., **$27.50**; ton, **$50.00.**

Mika-Magic. is a sterilized seed starting medium composed of particles of natural mica, exploded to form countless tiny cells that hold water like a sponge without caking or packing down. It has been sterilized at over two thousand degrees F. Since it is disease free, danger of damping off is eliminated from soil born causes. 200 foot size, **$1.25**, retails, **$1.75.**

"New Plant Life" has been for over 25 years used with spectacular success by commercial greenhouses and nurseries, its essential elements producing a greater abundance of fruit and vegetables and more flowers of better color by renewing power in the soil. When applied, it is instantly available to plant roots and when using "New Plant Life" no other plant food is necessary. Case of 24-3 oz., **$4.00**; Retails **25c.**

Peat Moss Granulated A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 22 bushels, each, **$5.25**; ½ bales, **$3.25** each.

Peat, Orchid. Fern roots; very useful for Orchids and Azaleas. **$3.50** per sack of two bushels.

***Plantabbs.** Fast selling, well advertised plant food tablet. Contains Vitamins B1. Prices, 10c size at **72c** a doz.; 25c size at **$2.00** a doz.; 50c size at **$4.00** a doz.; $1.00 size at **$8.00** doz.; $3.50 size at **$2.35** each. LESS 5% discount on order of $6.00 up to $12.00. 10% discount on order of $12.00 and over.

Plant Prod. Most Florists remember the **15-30-15** formula of Nitrophaska. Plant Prod is the nearest concentrated fertilizer to it except it is not in a Granular form. Plant Prod is one of the best forcing fertilizers for the commercial grower. It contains all the minor elements plus the three major elements of plant foods necessary for plant growth. Give this fertilizer a chance in your greenhouse and outside for forcing and on your counter for resale.

Size	No. to Case	Retail	Per Case
3 oz.	24	$ .25	$ 3.60
24 oz.	12	1.00	7.20
10 lbs.	6	4.00	14.40
25 lbs.	single	8.00	4.80
	Less 40%		
50 lbs.	single	15.00	10.00 net
100 lbs.	single	25.00	17.00 net

Pulverized Limestone. 80 lb. bag., **$1.25.**

Rose Food. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all-purpose fertilizer which can also be used on all flowers, shrubbery, etc. This type mixture has been used by commercial growers and florists for many years and has given excellent results. 5 lb. bag retails for **65c**, price, per carton of 12 packages, **$5.70**; 10 lb. bag retails for **$1.25**; price, per carton of six, **$5.40**; 25 lb. bag retails **$2.65**; each, **$1.75**; six, **$10.50**; 100 lb. **$6.25** each, five for **$30.00.**

Sheep Manure. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 100 lbs., **$3.00**; 1000 lbs., **$27.50**; 2000 lbs., **$50.00.**

FERTILIZERS F. O. B. New York—Continued

Stimuplant. A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case, **60c**; 25c size put up in counter display case, 10 to a case, **$1.50**; 75c retail size at **45c**; **$2.50** retail size at **$1.50**; **$3.50** retail size at **$2.10**.

Shredded Cow Manure. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. 100 lbs., **$3.25**; 1000 lbs., **30.00**; ton, **$55.00**.

Sterilized Soil. Cultivated and prepared. The correct soil for all cacti plants and tulips, hyacinths, narcissus and all bulbous plants.
1 lb. retails **$.15**—50 to case—case, **$3.00**.
3 qts. retails **$.30**—16 to case—case, **$2.88**.
7½ qts. retails **$.65**—6 to case—case, **$2.34**.

Cultivated and Prepared Humus. This is a specially prepared humus for all leaf plants and plants that require a rich, moist soil. The life basis of plant growth. 1 lb. retails **$.15**—50 to case—case, **$3.00**. 3 qts. retails **$.30**—16 to case—case, **$2.88**; 7½ qts. retails **$.65**—6 to case—case, **$2.34**.

Cultivated Potting Soil. A perfect blend of top soil, humus and other ingredients for seed-flats, window boxes, flower beds, etc.
1 lb. retails **$.15**—50 to case—case, **$3.00**.
3 qts. retails **$.30**—16 to case—case, **$2.88**.
7½ qts. retails **$.65**—6 to case—case, **$2.34**.

IMPORTANT. The prices on this page are based on present prices of fertilizer and are subject to change as market fluctuates.

Super Phosphate. 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 100 lbs., **$2.00**; 1000 lbs., **$15.00**; 2000 lbs., **$28.00**.

Vigoro. A specially prepared plant food. It contains all elements plants need for healthy growth. Because it is a complete plant diet, it is really more economical than incomplete waste or by-products materials. Good plant food for commercial growers. 5 lbs., **29c**, retails for **45c**; 10 lbs., **56c**, retails for **85c**; 25 lbs., **$1.00**, retails for **$1.50**; 50 lbs., **$1.70**, retails for **$2.50**; 100 lbs., **$2.75**, retails for **$4.00**. 500 lbs. delivered free to your railroad station within 500 miles of New York except New England States.

Vigoro Fertilizer Tablets. 24 tablets per box, 30 boxes in display case. Case at **$1.80**, retails at **10c** each.

Armours Special Ornamental Fertilizer. For flowers, lawns, tree and shrubs, **6-12-4**. 100 lbs., **$2.75**, retails at **$4.00**.

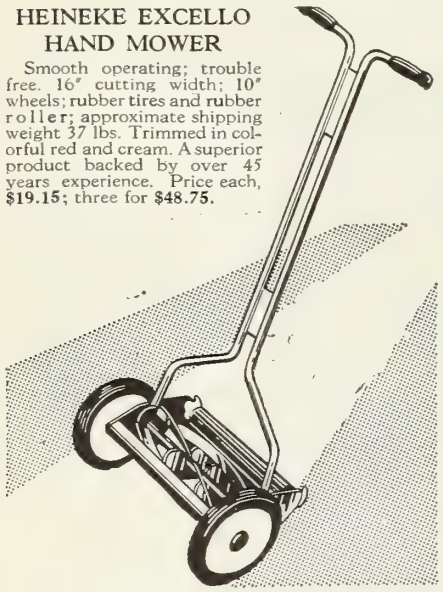
Armours—Velvetgreen Is a high quality, scientifically blended and balanced plant food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply. 10 lbs., **56c**, retails **85c**; 25 lbs., **$1.00**, retails **$1.50**; 100 lbs., **$2.75**, retails **$4.00**.

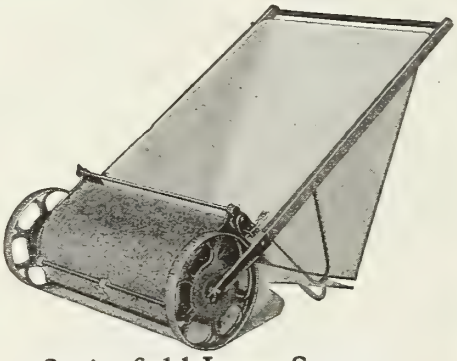
"Poultek Fertilizer. **4-3-2.** At last a pure Poultry Manure without any litter or peat moss, dehydrated daily from caged poultry to conserve its full natural strength 100% pure. For potting plants use two pounds to one bushel of soil, for liquid manure, two pounds to twenty gallons of water. 25 lbs., **$1.00**; retails for **$1.50**; 50 lbs., **$1.75**, retails for **$2.50**.

Lawn Mowers, Sweepers, Rollers

HEINEKE EXCELLO HAND MOWER

Smooth operating; trouble free. 16" cutting width; 10" wheels; rubber tires and rubber roller; approximate shipping weight 37 lbs. Trimmed in colorful red and cream. A superior product backed by over 45 years experience. Price each, **$19.15**; three for **$48.75**.

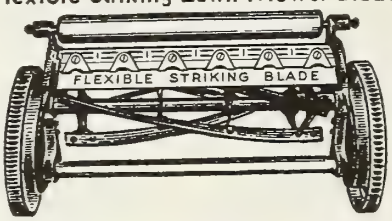




Springfield Lawn Sweepers

20 in. price, **$34.50**. 28 inch with semi-pneumatic tires; each, **$44.50**.

Flexible Striking Lawn Mower Blade



NO GRINDING, NO SHARPENING NECESSARY

Flexible striking blade is made of the finest steel and heat treated for that purpose.

Being flexible it will always be in contact with the revolving blades of the "lawn-mower", thus, assuring cutting at all times, "when properly installed".

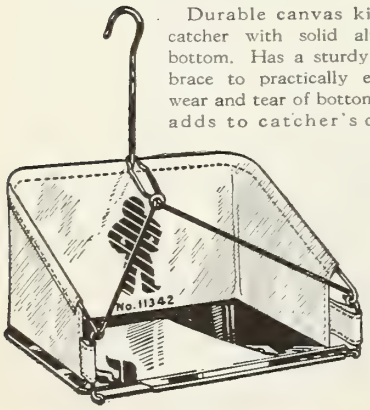
Promotes a more healthy growth of grass and makes lawn mowing a pleasure. Ea., **$1.75**; 6 for **$9.00**.

POWER LAWN MOWER HEINEKE EXCELLO

20"; Lightweight; easy to operate; positive clutch action; semi pneumatic tires; all steel construction. Weight 135 lbs. Due to shortage of Briggs and Stratton ¾ H.P. engines, some of the mowers will be equipped with 1½ H.P. Continental engines. Price with ¾ H.P. Briggs and Stratton engine **$135.00**; with 1½ H.P. Continental Engine **$130.00**.

GRASS CATCHER

Durable canvas kid grass catcher with solid aluminum bottom. Has a sturdy bottom brace to practically eliminate wear and tear of bottoms. Also adds to catcher's overall strength. Adjustable to fit all standard size mowers. Price each, **$2.00**; 3 for **$5.75**.

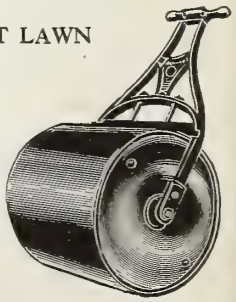


BERGMAN Lawn Mower SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, **$1.10**; doz., **$10.00**.

WATER-WEIGHT LAWN ROLLER

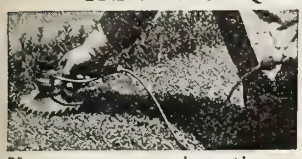
Water Balast Lawn Rollers, steel handles, plain bearings, acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.



No.	Dia.	Length	Sections	Wt. Empty	Filled Water	Price
2	14 in.	24 in.	1	68 lbs.	175 lbs.	**$13.95**
4	18 in.	24 in.	1	82 lbs.	265 lbs.	**14.95**
7	24 in.	24 in.	1	110 lbs.	420 lbs.	**22.95**
9	24 in.	32 in.	1	130 lbs.	565 lbs.	**26.00**

Lawn and Garden Supplies

O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the **entire** cost of a complete outfit as shown above during **Ten or Less Days** of use . . . **Every Kind** of Grass trimming, cutting and edging can be done **anywhere,** as power plant is portable . . . **two men each using an O.K. Trimmer can do as much work as eight to ten men using sickles.**

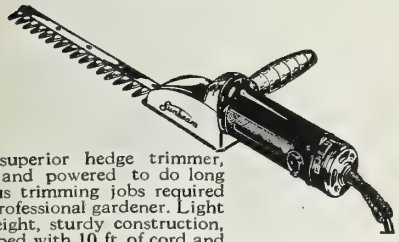
DeLuxe Outfit **$239.00**
Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.
Extra trimmers, heavy duty, long blade (8¾ in.) grass trim, price **$30.00**
Heavy duty hedge trimmer price **18.00**
75 ft. extension cord **6.50**

O. K. POWER PLANT

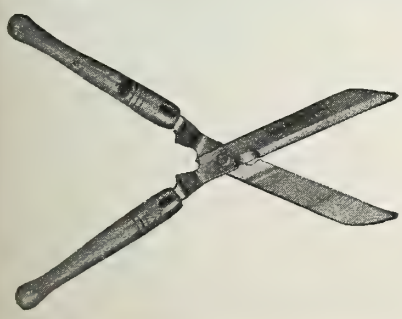
O. K. Heavy duty Hedge Trimmer **$18.00**
O. K. Jr. Hedge Trimmer **12.85**

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

SUNBEAM ELECTRIC HEDGE TRIMMER



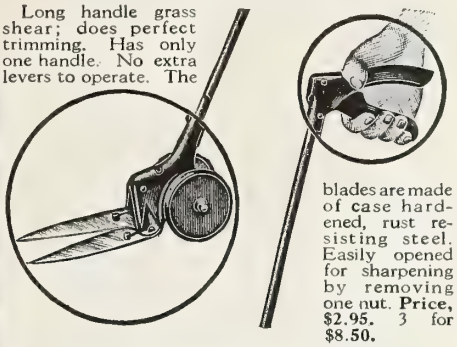
A superior hedge trimmer, built and powered to do long tedious trimming jobs required of a professional gardener. Light in weight, sturdy construction, equipped with 10 ft. of cord and plug. Price, each, **$37.50.** Extra cord, 50 ft., **$4.95**; 100 ft., **$8.50.**



HEDGE SHEARS. 8-inch, each $2.25; 6 for $9.60.

DOO-KLIP GRASS SHEARS

Long handle grass shear; does perfect trimming. Has only one handle. No extra levers to operate. The

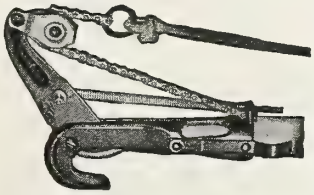


blades are made of case hardened, rust resisting steel. Easily opened for sharpening by removing one nut. **Price, $2.95.** 3 for **$8.50.**

DOO-KLIP GRASS SHEAR

With offset handle. Price each, **$1.75**; 3 for **$4.75.**

IMPROVED TELEPHONE PRUNER. A

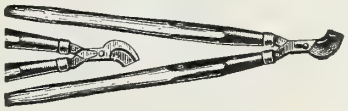


strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $3.00. Price, complete with one head pole, 6 ft., and two 6-ft. extension poles, $12.00. No. 12 Pruner head only, $6.50. Price, complete with head pole and two 6-ft. extension poles, $17.50.

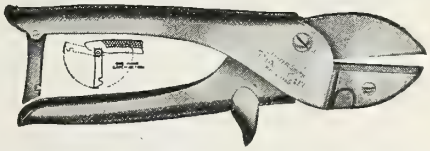
TREE PRUNERS. Clyde, 6-ft., $2.25; 8-ft., $2.75; 10-ft., $3.20; 12-ft., $3.50. Extra blades, each, 30c.

Bartlett No. 1 R. J. Jointed Tree Pruner. 12 ft., in three 4-ft. sections. Each, $14.95.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each, $2.75; 24 inch handles, each $2.95.



CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, $4.75.



SNAP CUT PRUNER. No. 906B. Heavy duty, full polished, $2.50; 6 pair for $12.00.

SAWS (Atkins) Double-Edged Pruning.

18-in. . $2.35

TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $3.50; 3 for $9.75.

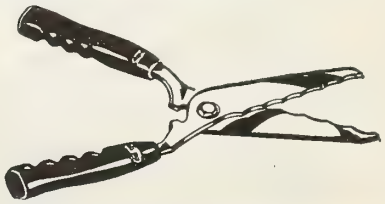
Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, $5.00.

PORTER TWINCUT PROFESSIONAL ONE HAND PRUNER. This pruner is drop forged from selected tool steel. The patented pivot bolt cannot tighten or loosen in use, yet can be easily adjusted. Equipped with new concealed locking device. Instantly locks or unlocks the closed tool with the touch of the thumb. 9 inch full polish. Price, each, $5.50, three for $15.75.

HENRY NO. 4773 AMERICAN RIESER PATTERN (Professional Pattern) PRUNING SHEAR. Hook and head pulley polished. Best quality. Oval bevel, steel plated, hardened and tempered. Double flat brass spring with ratchet lock and Henry spring catch. Price each, $3.50; 3 for $9.75.

HENRY NO. 4750 PRUNING SHEAR. An efficient California type pruning shear with ratchet, lock, nut, volute spring. Maroon enameled infra red baked malleable handles 9-inch. Has spring catch. Price each, $1.75; per dozen, $15.00.

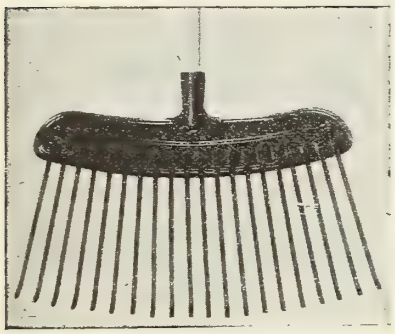
PRUNING SHEAR ASSORTMENT. 3 dozen fast selling numbers, made up of six different styles, including attractive counter display to hold one of each style. This set retails for $63.60. Price per set $42.06. Kit consists of the following: 12 Home Garden pattern which retail at $1.29; 6 California pattern which retail at $1.49; 6 Canadian pattern which retail at $1.79; 6 Heavy Duty pattern which retail at $2.00; 3 American Rieser pattern which retail at $3.50; 3 Flower Pickers which retail at $1.98.



DOO KLIP HEDGE SHEARS. Price each $3.50; 3 for $10.00; 6 for $18.00.

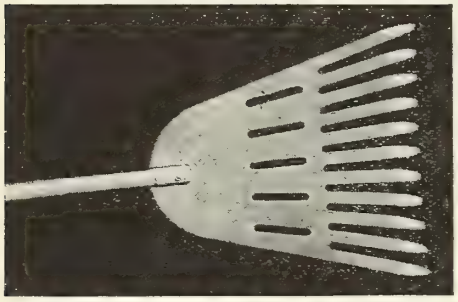
BONHAM GARDEN CULTIVATOR

Makes gardening a pleasure. Complete with cultivator teeth, plow and furrower. All metal parts are dipped in weather-proof and rust resistant paint. Price each, $7.25. F.O.B. New York, $7.50.



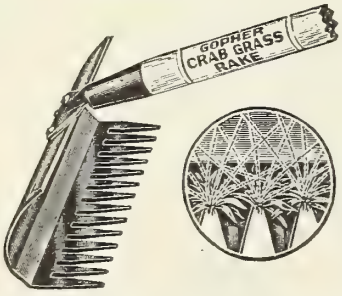
LAWN RAKE

Durably made of 20 genuine spring steel tines. Handle measures 47 in., over all length 58 in. Packed 12 to a bundle. Price per doz., $9.60.



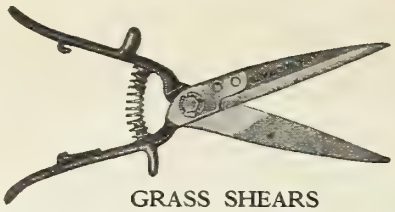
ALUMINUM BROOM RAKE. New and different, thoroughly tested. Width of blade at tines 12⅞". Shipping weight 15 lbs. per dozen. Price per dozen $9.00; 3 dozen for $26.25.

HANDY CRAB BRASS RAKE



This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses; it will also pull out any weed that clings close to the ground. Each, **$1.50**; three for **$4.00.**

DANDELION DIGGER. Finest quality. Retails at 75c, price per dozen $6.00.



GRASS SHEARS

High quality. A tempered tool. Price each, **$1.25**; dozen **$12. 00.**

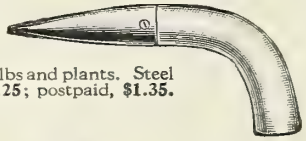
GRASS WHIP

Made of highest quality steel. Retail each, **$1.50**; dozen $12.00.

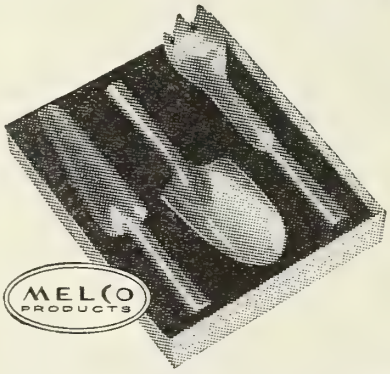
VILLAGE BLACKSMITH GRASS HOOK

Made of high quality steel. Price each, **$1.00**; dozen **$8.00.**

DIBBER



For planting bulbs and plants. Steel point. Each, **$1.25**; postpaid, **$1.35.**



MELCO POLISHED FEATHERLIGHT GARDEN SET

Made of cast aluminum as strong as steel these tools are light as a feather, and moulded to fit your hand. They are absolutely rust-proof, and easily cleansed and polished, so they will be beautiful as well as useful as long as they last, which will be for many years. A large trowel, small transplanting trowel, and hand-scraper or weeder for cultivating are included in the set of three. Retails at $3.95 per set, 6 sets for $15.80.

SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, **$17.95** (weight 17 lbs.).

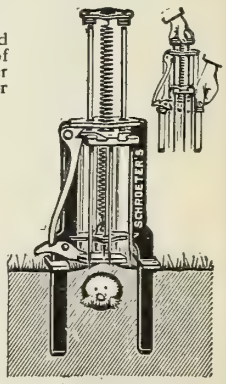
H-E-T-P AEROSOL BOMB. Easier, more effective Red Spider Control. Price each $11.50; Refills $6.50 each. Speed Ring Applicator, each $6.50; MSA Gas Mask, each $22.50. At present bombs cannot be shipped. We hope to be in position to ship these bombs in the very near future when the restriction on shipping these bombs is lifted. At present they can be picked up at 601 W. Jackson Blvd., Chicago, Illinois.

PLANTING TOOLS HOLE-IN-ONE

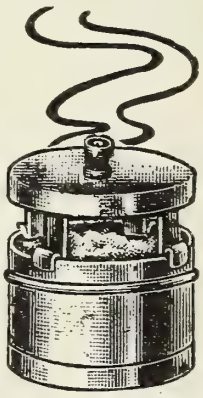
The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. Each, **60c**; three for **$1.65**; doz., **$6.00.**

MOLE TRAP

Improved with patented setting attachment. One of the best mole and gopher traps. Each, **$2.50**; 3 for **$7.00.**



Mole Trap



EVER READY SMUDGE STOVE

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Each, **35c**; dozen, **$2.80**; 36 Smudge Stoves for **$8.00.**

METAL LAWN SIGNS

These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3¾x12 inches. Colors, green on white and black on white. Sign wordings — **Please-Seeded — Keep off Grass.** Signs with stakes, each, **45c**; six for **$2.10.**

RODENT ROCKETS

Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot." Safe, sure, efficient aids to hunters in "un-treeing" holed-up woodchucks, raccoons, etc. **3 for 25c; dozen, 95c.**

Packed two dozen to an attractive display carton, weight 2½ lbs. Invaluable in Nursery and Greenhouse. Price per carton of 24 rockets, **$1.50; six cartons for $8.00.**

FLEXIBLE RUBBER COATED GLOVES

Made with new high tensile fabric construction and processed to provide the maximum in comfort, flexibility and wear. Coating is fully water and liquid proof. Oil and grease resistant. Provides complete hand protection against dirty, rough or harmful materials. Ideal for gardening and general work around the greenhouse, home or farm. Price per pair, $1.00; per dozen pair, $9.00.

GARDENADE

The Gardenade combines a kneeling pad and a convenient rack for your garden tools.

The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort.

Your knees rest on a large, soft sponge rubber pad. As the pad is flat on the ground, you can work in a comfortable position. Sturdily constructed, all metal and painted with green enamel, it will give you life-long service. 14" long, 11" wide, 12" high. Price each $3.50; 6 for $14.00.

WOOD PAINTED WREN HOUSE. An attractive wren house. Bottom removable for easier cleaning. Retails at $1.50 each, per dozen $12.00.

KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ¾ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

Specifications

Length	38"
Width	22"
Height at discharge end	36"
Height at hopper	33"
Weight	200 lbs.
Power	¾ H.P.

Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....$125.00

KEMP SOIL SHREDDERS

No. 6	Complete with ½ H.P. electric motor, 3 ft. of cord, mounted on truck with wheels	$118.00
No. 6	Complete with 1½ hp. Briggs & Stratton gas engine, mounted on truck with wheels	$125.00
No. 6	Complete, less engine or motor, mounted on truck with wheels	$90.00
No. 1	Complete, with 1½ hp. electric motor, switch and 10' of cord, mounted on truck with wheels	$340.00
No. 1	Complete with 2½ hp. gas engine, mounted on truck with wheels	$340.00
No. 1	Complete, less engine or motor, mounted on truck with wheels	$250.00
No. 1	Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels	$225.00
No. 2	Complete, with either 6 hp. gas engine or 3 hp. electric motor, switch and 10' of cord, mounted on truck with wheels	$450.00
No. 2	Complete, less engine or motor, mounted on truck with wheels	$365.00
No. 2	Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels	$335.00

Prices for machines with electric motors are for AC motors, 60 cycle, 1 and 3 phase, 110, 220, 440 volts. For special currents such as 25 cycle, prices will be quoted on request.

Attachments

No. 1 Peat attachments	$12.00
No. 2 Peat Attachment	$15.00
No. 1 Elevator attachments	100.00
No. 2 Elevator attachments	115.00
No. 1 Shaker screen attachments with 2 either ¼", ⅜", ½" or ¾" round holes	$90.00
No. 2 Shaker Screen attachments with either ¼", ⅜", ½" or ¾" round holes	$100.00

Rubber tired wheels for No. 6, $8.00 extra. Extension cord for No. 6 Electric, 10c per ft. Extension Cord for No. 1 Electric, 20c per ft.

(F. O. B. Erie, Pa.)

Prices for machines with electric motors are for A C Motors, 60 cycles, 1 and 3 phase, 110, 220, 440 volts. For special currents such as 25 cycles, prices will be quoted on request.

Bird Houses and Feeders

AUTOMATIC BIRD FEEDERS

(Patented)

An economical feeder for all kinds of seeds, cracked corn or other small food.

If filled with sunflower seeds, it unfailingly attracts Cardinals, rose-breasted Grosbeaks, Finches and many other large as well as small pretty birds all year around.

Birds enjoy swinging with the feeder. Each, **$2.75; 6 for $13.00.**

WREN HOUSE No. 16

This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown, each, **$1.65; 6 for $8.00;** white and green, each, **$2.00; 6 for $10.00.**

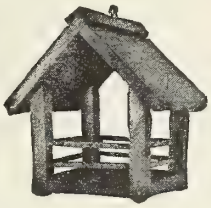
Blue Bird House No. 5 similar to the above, stained brown, **$1.25; 6 for $6.60.**

MARTIN HOUSE No. X215

Twenty compartment house, two stories high, unpainted, **$15.00.** Painted two coats in white and green, **$17.50.**

MARTIN HOUSE No. X315

Twenty-eight compartment house, three stories high, unpainted, **$17.50,** Painted two coats white and green, **$21.00.** Crating charge **$1.00** extra.



ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown — each **$1.90 6 for $9.00.**

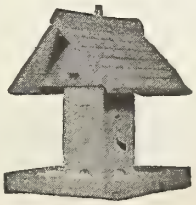
No. FS21 GARDEN CRAFT FEEDING STATION

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.

Size 24x12x12. Shipping weight 16 lbs.

Price stained brown	$6.00
Price stained with glass back	7.50
Erection Post bored for mounting rod	1.50

No. FS10 GARDEN CRAFT BIRD FEEDER



This cleverly constructed feeder will provide endless pleasure and satisfaction for bird lovers. You will be more than repaid for your generosity in providing food for your feathered friends during the early spring, late fall and winter, by their appreciation. Size 8x3x10 in. Shipping weight 3 lbs.

Price, **$1.90; 6 for $9..00**

Erection pole with arm..... **1.00**

LARGER PROFITS IN QUALITY SEED

Bags included on all grass seed gross for net. All grass seed prices net cash, F. O. B. Chicago and New York and subject to change without notice. Orders will be booked at the lowest price on day recieved.

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received.

Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), $33.50 per 100 lbs.; less than 112 lbs., 35½c per lb.; 10 to 25 lbs., 37½c per lb.

Standard. Purity 80%. Full bags (112 lbs.), $32.50 per 100 lbs.; less than 112 lbs., 34½c per lb.; 10 to 25 lbs., 36½c per lb.

Extra Fancy Seed. Purity about 90%. Full bags (112 lbs.), $37.00 per 100 lbs.; less than 112 lbs., 39c per lb.; 10 to 25 lbs., 40c per lb.

Refined Sun Cured. Purity about 97 to 98%. Full bags (112 lbs.), $42.00 per 100 lbs.; less than 112 lbs., 44c per lb.; 10 to 25 lbs., 45c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), $23.00 per 100 lbs.; broken bags, 24c per lb.; 10 to 25 lbs., 25c per lb.

Extra Fancy. Purity 95%. Full bags (100 lbs.), $22.00 per 100 lbs.; broken bags, 23c per lb.; 10 to 25 lbs., 24c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), $21.00 per 100 lbs.; broken bags, 22c per lb.; 10 to 25 lbs., 23c per lb.

CLOVER, White Dutch.

Extra Fancy. $55.00 per 100 lbs.; less than 100 lbs., 57c per lb.; 10 to 25 lbs., 60c per lb.

Choice Grades. $52.00 per 100 lbs.; less than 100 lbs., 55c per lb.; 10 to 25 lbs., 57c per lb.

Put up in packages of 5 lbs. and less, write for prices.

PERENNIAL RYE GRASS. $17.00 per 100 lbs.; broken bags, 18c per lb.; 10 to 25 lbs., 19c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), $10.50 per 100 lbs.; broken bags, 11½c per lb.; 10 to 25 lbs., 12½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $45.00 per 100 lbs.; broken bags, 47c per lb.; 10 to 25 lbs., 50c per lb.

CREEPING RED FESCUE. A variety of fescue superior to Chewings. 100 lbs., $48.00; less than 100 lbs., 50c per lb.; 10 to 25 lbs., 52c per lb.

ALTA FESCUE. A new development—excellent for roadsides, athletic fields, airports etc,—quite drought resistant—deep root system—quite course for lawn purposes—100 lbs., $45.00; less than 100 lbs., 48c per lb.

POA TRIVIALIS. $85.00 per 100 lbs.; broken bags, 87c per lb.; 10 to 25 lbs., 90c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), $95.00 per 100 lbs.; broken bags, 97c per lb.; 10 to 25 lbs., $1.00 per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, $95.00 per 100 lbs.; broken bags, 97c per lb.; 10 to 25 lbs., $1.00 per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 85c per lb.) Price, $47.00 per 100 lbs.; 5-lb. bags (ea., $2.60), per 100 lbs., $50.00; 1-lb. cartons (ea., 57c), per 100 lbs., $51.00. Orders for 10 to 25 lbs., 50c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks
(Containing Creeping Red Fescue)

Because of the extreme popularity and satisfaction received by our new formula containing Creeping Red Fescue in conjunction with blue grass and other suitable grasses we are pleased to advise we are maintaining Creeping Red Fescue in our formula.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 30c (Retails for 40c) / 1 -lb. carton, each, 50c (Retails for 75c)	$46.00
2 and 3-lb. cartons	45.50
5-lb. cartons or bags (each, $2.40)	44.00
10 and 15-lb. bags (Per 100 lbs. $43.50) / 100 lb. lots	42.00
50 and 25-lb. bags (Per 100 lbs. 43.00) / 500 lb. lots	41.00

Lots of 10 to 25 lbs., 45c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 35c (Retails for 45c) / 1 -lb. carton, each, 55c (Retails for 80c)	$49.00
2 and 3-lb. cartons	48.50
5-lb. cartons or bags (each, $2.50)	47.00
10 and 15-lb. bags	46.50
50 and 25-lb. bags	46.00
100 lb. lots	45.00
500 lb. lots	44.00

Lots of 10 to 25 lbs., 47½c lb. On Larger Lots Ask For Prices.

Vaughan's Dense Shade Formula

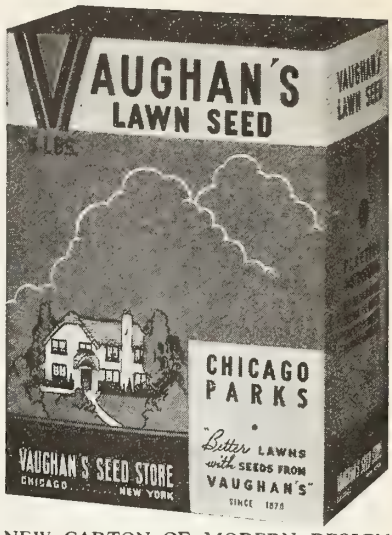
Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retails at 85c per lb.) Price, $48.00 per 100 lbs.; 5-lb. cartons (ea., $3.75), per 100 lbs., $50.00; 1-lb. cartons (each 55c), per 100 lbs., $52.00. Orders for 10 to 25 lbs., 50½c per lb.

Vaughan's No. 25 Lawn Mixture

100 lb. bags, $27.00; 1-lb. cartons (ea., 35c), $31.00 per 100 lbs.; 5-lb. bags (ea., $1.60), $29.00 per 100 lbs.; 10 to 25 lbs., 29½c per lb.; retails 50c per lb.

Freshly Packed and Tested Lawn Seed in 1949 for Your Unsold 1948 Stock



NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over outdated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring. Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1948, and replacement will be made by March 1, 1949.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making including fertilization and weed control. One copy is enclosed in each carton and bag of the lawn seed mixtures.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1

$30 Net Cash F. O. B. Chicago

Retails for $49.65

Cartons		Ret. Price
15	1-lb.	$0.75
4	2-lbs.	1.50
9	5-lbs.	3.60

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

No. 25. Deal No. 2

Retails for $41.20

Cartons		Ret. Price
26	1-lb.	$0.50
Bags		
12	5-lb.	2.35

$25 Net Cash F. O. B. Chicago

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

JOHN C. VAUGHAN, PRES.

CARL V. CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Company

NEW YORK 7,
47-49 BARCLAY ST.

NURSERIES,
WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to Vaughan's Seed Co. WUX Chicago, or WUX New York to speed handling. This insures prompt delivery to us by teletype

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Please give us your Post Office delivery zone if you are in a large city

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items and flower seeds).

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed.

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express, Truck** or **Freight.** If no routing is given, we will use our judgement but cannot be responsible for any delay or over charges.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient.

INSURANCE. We insure all orders for seeds for $2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED CO., gives no warranty express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statues. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

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601 W. Jackson Blvd., Chicago 6, Ill. 47 Barclay St., New York 7, N. Y.

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FLOWER SEEDS less than $25.00, 5%, over $25.00, 8%. See also Cyclamen page. On all other items 2%, except on net cash supplies.

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Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

$15.00

Retails for $30.00

F. O. B. Chicago or New York

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We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) of good named varieties. The price to you is $15.00 for the box and 500 bulbs of 10 named varieties. You retail them for 75c a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for $14.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or $28.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. **Varieties Subject to Change Without Notice.**

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For years we have tried out all canna introductions, and on the basis of these tests we recommend the following varieties as the best now available in all respects, including size, color, vigor and disease resistance. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed.

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THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant roots	6.50	60.00

For full canna list, see Index.

CANNA The President

PANSY Vaughan's Super Swiss Giants Mixed

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Because it combines giant size, with the greatest color range of any pansy strain, Swiss Giants, first introduced in this country by Vaughan's, continue to hold unquestioned lead for florist's use.

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An entirely new color in the Swiss giant strain. A lovely tint of pink best described as Raspberry Rose. It has a suggestion of a lighter tone on the edges of the petals and is marked with a velvety blotch in a deeper tone. An outstanding novelty we are glad to offer again. Trade pkt., $1.00; 1/8 oz., $2.00; 1/4 oz., $3.50; oz., $12.00.

PANSY SWISS GIANT Raspberry Rose

Vaughan's Seed Co.

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